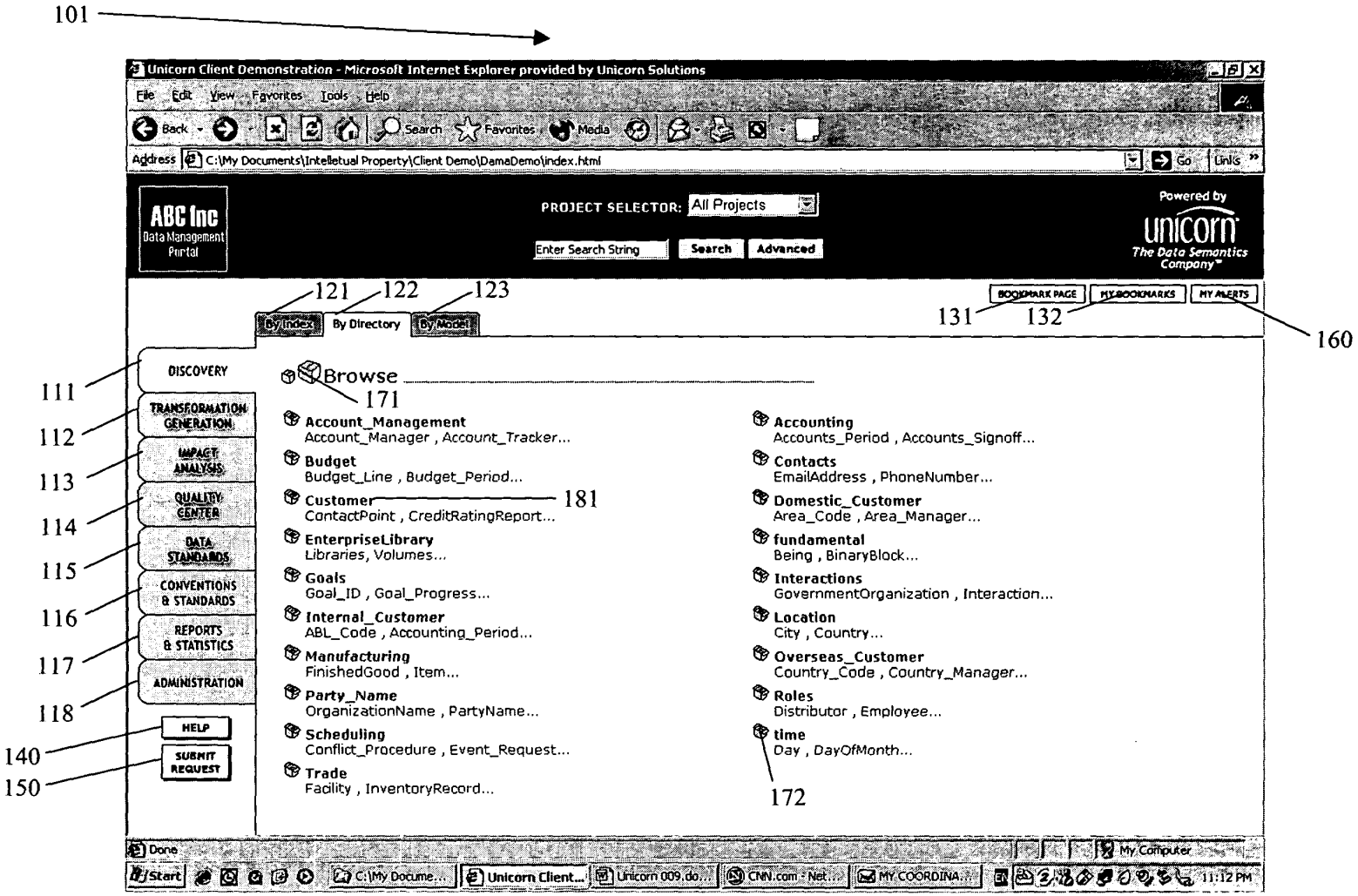

101
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
121
122
123
By Index
By Directory
By Model
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
131
132
160
111
112
113
114
115
116
117
118
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
140
150
Browse
171
Account_Management
Account_Manager , Account_Tracker...
Budget
Budget_Line , Budget_Period...
Customer
ContactPoint , CreditRatingReport...
181
EnterpriseLibrary
Libraries, Volumes...
Goals
Goal_ID , Goal_Progress...
Internal_Customer
ABL_Code , Accounting_Period...
Manufacturing
FinishedGood , Item...
Party_Name
OrganizationName , PartyName...
Scheduling
Conflict_Procedure , Event_Request...
Trade
Facility , InventoryRecord...
Accounting
Accounts_Period , Accounts_Signoff...
Contacts
EmailAddress , PhoneNumber...
Domestic_Customer
Area_Code , Area_Manager...
fundamental
Being , BinaryBlock...
Interactions
GovernmentOrganization , Interaction...
Location
City , Country...
Overseas_Customer
Country_Code , Country_Manager...
Roles
Distributor , Employee...
time
Day , DayOfMonth...
172
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:12 PM

FIG. 1A

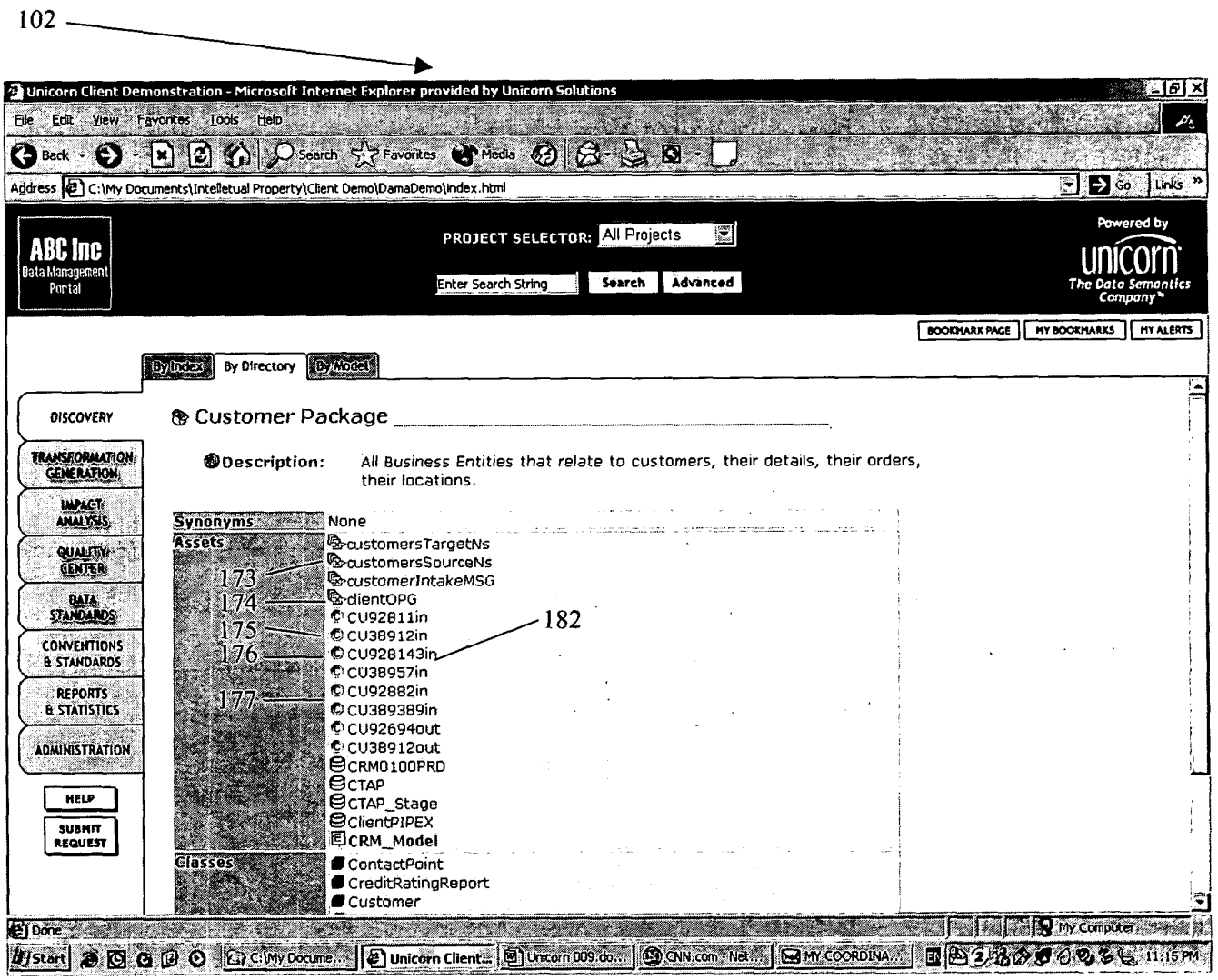

102
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Customer Package
Description: All Business Entities that relate to customers, their details, their orders, their locations.
Synonyms
None
Assets
173
174
175
176
177
182
customersTargetNs
customersSourceNs
customerIntakeMSG
clientOPG
CU92811in
CU38912in
CU928143in
CU38957in
CU92882in
CU389389in
CU92694out
CU38912out
CRM0100PRD
CTAP
CTAP_Stage
ClientPIPEX
CRM_Model
Classes
ContactPoint
CreditRatingReport
Customer
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:15 PM

FIG. 1B

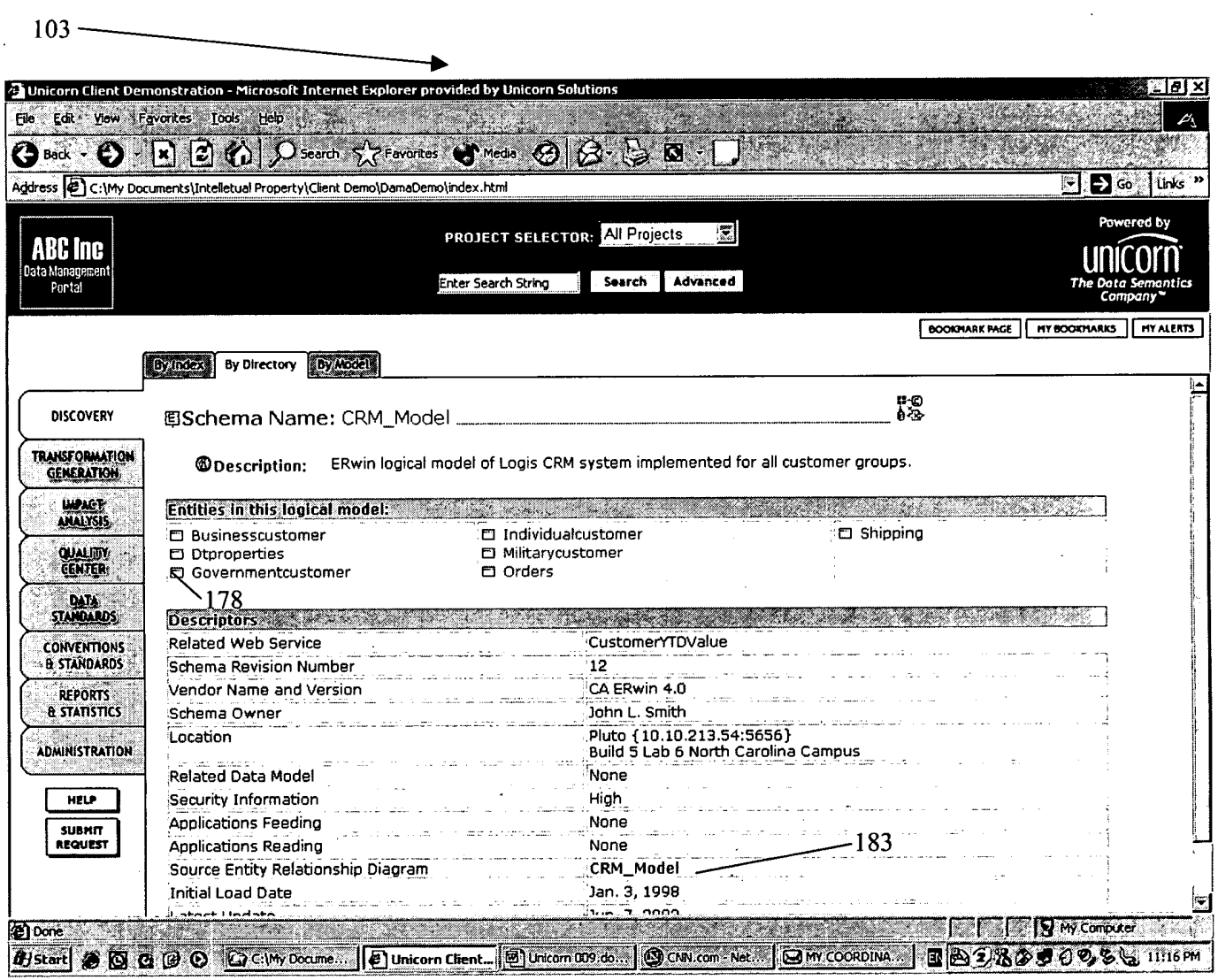

103
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Schema Name: CRM_Model
Description: ERwin logical model of Logis CRM system implemented for all customer groups.
Entities in this logical model:
Businesscustomer
Dtproperties
Governmentcustomer
Individualcustomer
Militarycustomer
Orders
Shipping
178
Descriptors
Related Web Service
CustomerYTDValue
Schema Revision Number
12
Vendor Name and Version
CA ERwin 4.0
Schema Owner
John L. Smith
Location
Pluto {10.10.213.54:5656}
Build 5 Lab 6 North Carolina Campus
Related Data Model
None
Security Information
High
Applications Feeding
None
Applications Reading
None
Source Entity Relationship Diagram
CRM_Model
183
Initial Load Date
Jan. 3, 1998
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:16 PM

FIG. 1C

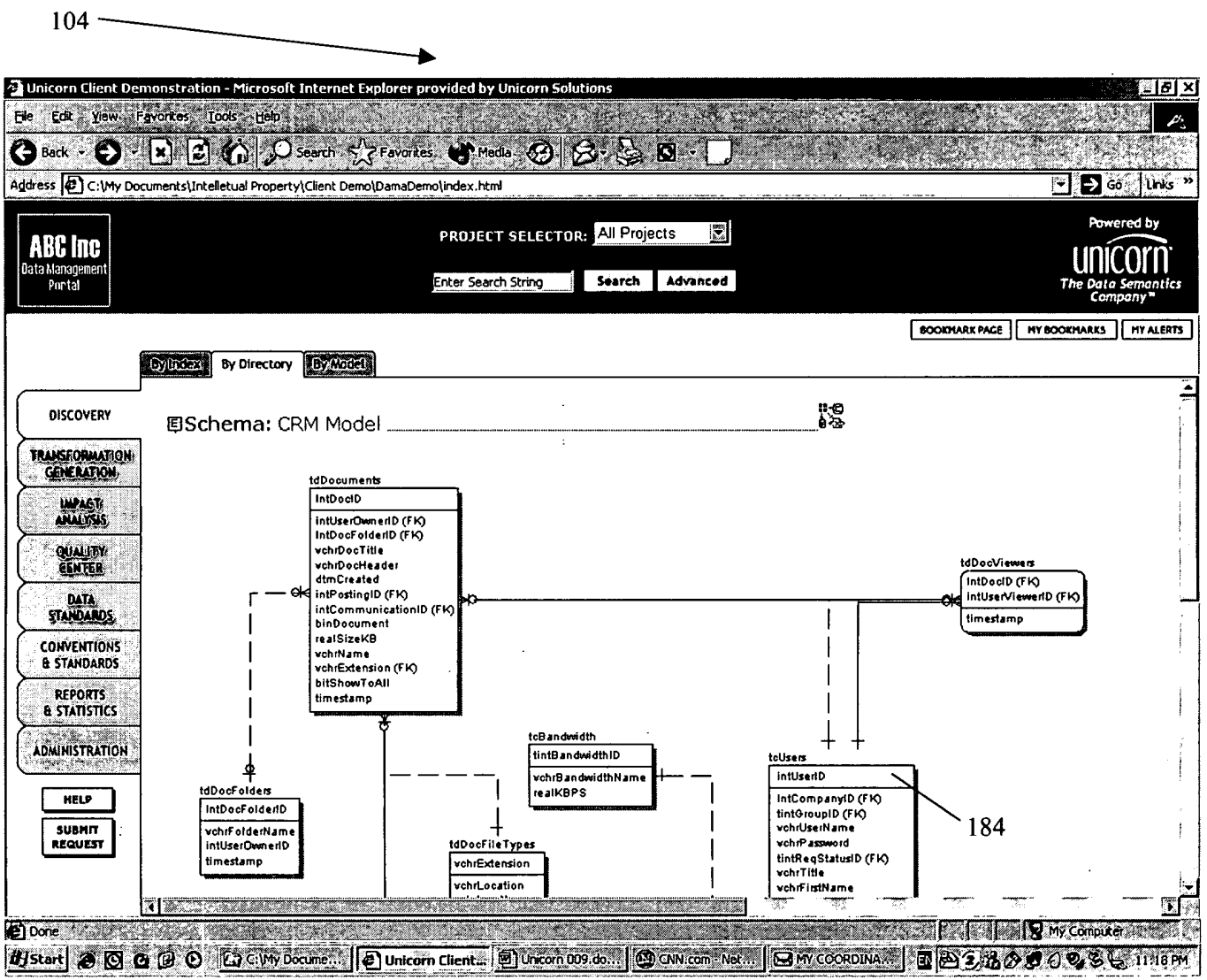

104
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Schema: CRM Model
tdDocuments
intDocID
intUserOwnerID (FK)
intDocFolderID (FK)
vchrDocTitle
vchrDocHeader
dtmCreated
intPostingID (FK)
intCommunicationID (FK)
binDocument
realSizeKB
vchrName
vchrExtension (FK)
bitShowToAll
timestamp
tdDocViewers
intDocID (FK)
intUserViewerID (FK)
timestamp
tdDocFolders
intDocFolderID
vchrFolderName
intUserOwnerID
timestamp
tcBandwidth
tintBandwidthID
vchrBandwidthName
realKBPS
tdDocFileTypes
vchrExtension
vchrLocation
tcUsers
intUserID
intCompanyID (FK)
tintGroupID (FK)
vchrUserName
vchrPassword
tintReqStatusID (FK)
vchrTitle
vchrFirstName
184
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:18 PM

FIG. 1D

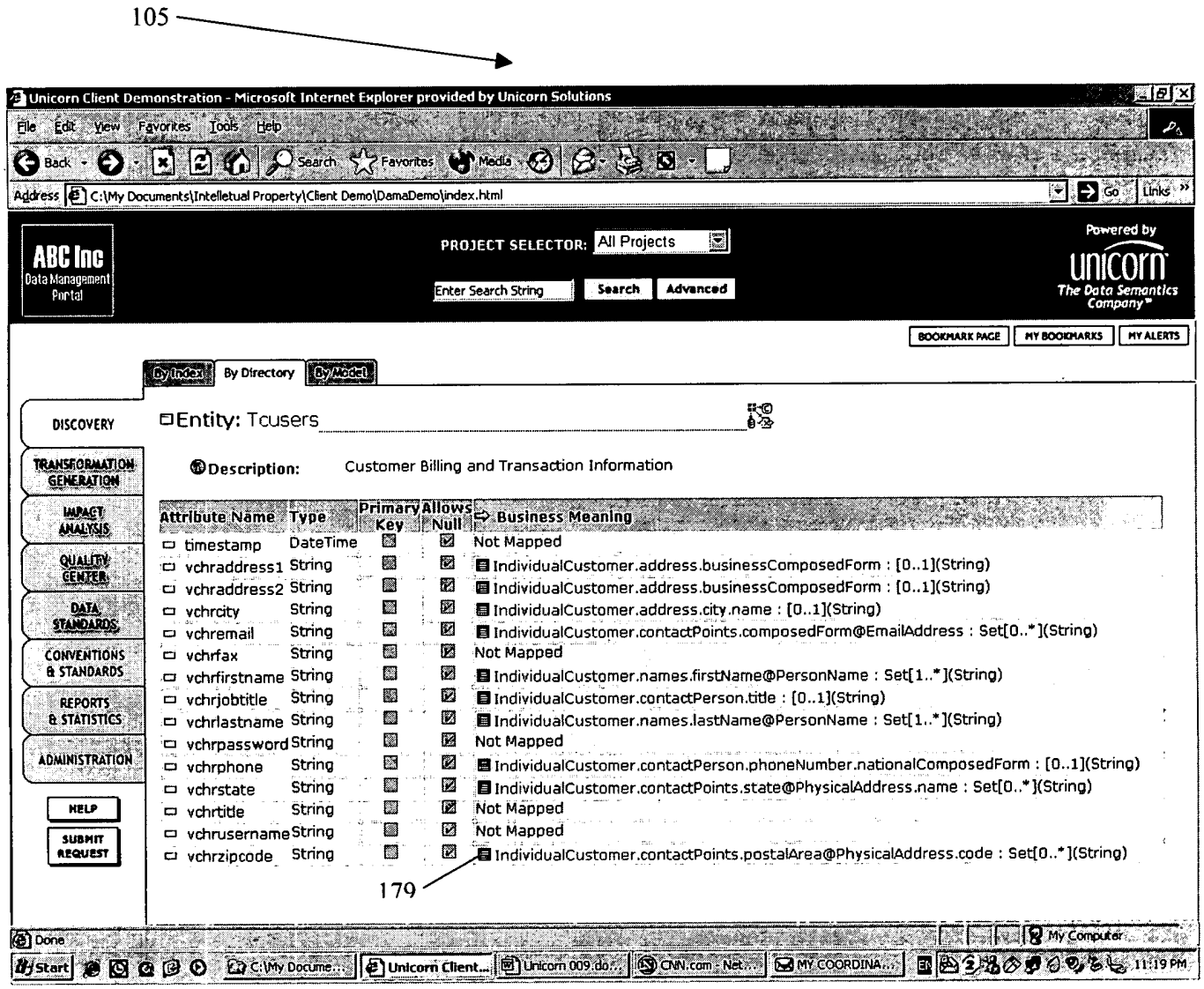

105
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Entity: Tcusers
Description: Customer Billing and Transaction Information
Attribute Name | Type | Primary Key | Allows Null | Business Meaning
timestamp | DateTime | Not Mapped
vchraddress1 | String | IndividualCustomer.address.businessComposedForm : [0..1](String)
vchraddress2 | String | IndividualCustomer.address.businessComposedForm : [0..1](String)
vchrcity | String | IndividualCustomer.address.city.name : [0..1](String)
vchremail | String | IndividualCustomer.contactPoints.composedForm@EmailAddress : Set[0..*](String)
vchrfax | String | Not Mapped
vchrfirstname | String | IndividualCustomer.names.firstName@PersonName : Set[1..*](String)
vchrjobtitle | String | IndividualCustomer.contactPerson.title : [0..1](String)
vchrlastname | String | IndividualCustomer.names.lastName@PersonName : Set[1..*](String)
vchrpassword | String | Not Mapped
vchrphone | String | IndividualCustomer.contactPerson.phoneNumber.nationalComposedForm : [0..1](String)
vchrstate | String | IndividualCustomer.contactPoints.state@PhysicalAddress.name : Set[0..*](String)
vchrtitle | String | Not Mapped
vchrusername | String | Not Mapped
vchrzipcode | String | IndividualCustomer.contactPoints.postalArea@PhysicalAddress.code : Set[0..*](String)
179
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:19 PM

FIG. 1E

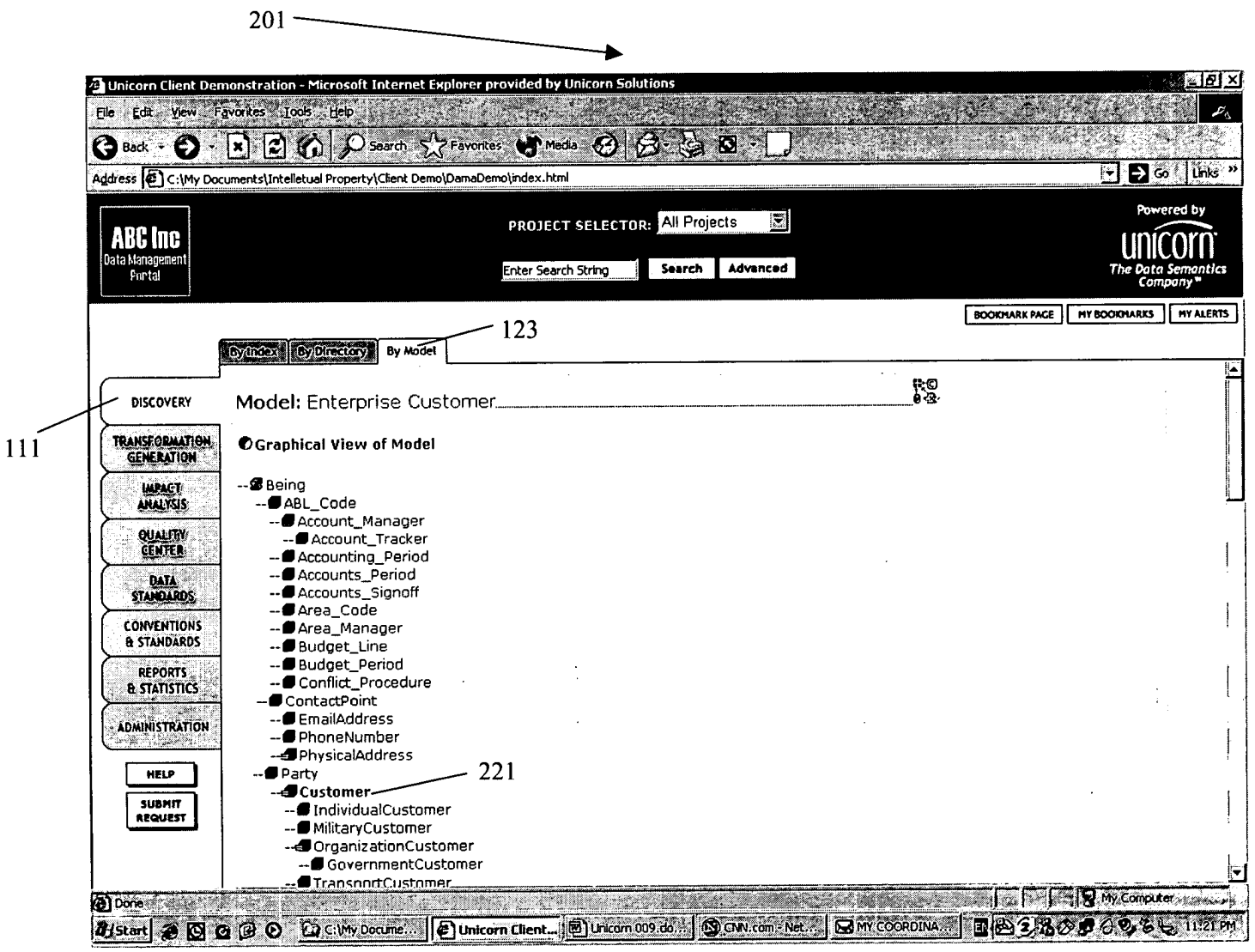

201
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
123
By Index
By Directory
By Model
111
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Model: Enterprise Customer
Graphical View of Model
Being
ABL_Code
Account_Manager
Account_Tracker
Accounting_Period
Accounts_Period
Accounts_Signoff
Area_Code
Area_Manager
Budget_Line
Budget_Period
Conflict_Procedure
ContactPoint
EmailAddress
PhoneNumber
PhysicalAddress
Party
Customer
221
IndividualCustomer
MilitaryCustomer
OrganizationCustomer
GovernmentCustomer
TransportCustomer
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:21 PM

FIG. 2A

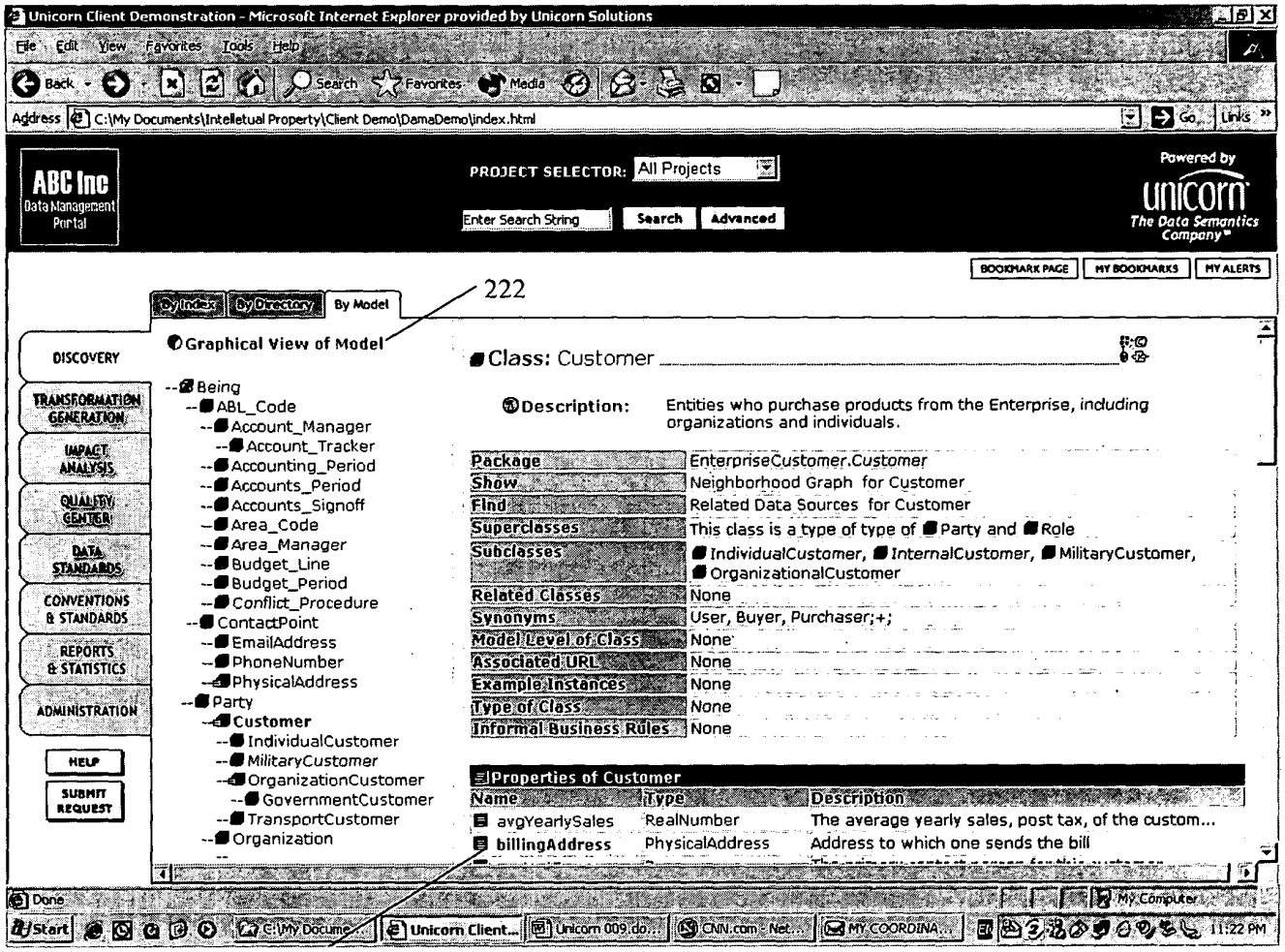

202
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
222
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Graphical View of Model
--Being
--ABL_Code
--Account_Manager
--Account_Tracker
--Accounting_Period
--Accounts_Period
--Accounts_Signoff
--Area_Code
--Area_Manager
--Budget_Line
--Budget_Period
--Conflict_Procedure
--ContactPoint
--EmailAddress
--PhoneNumber
--PhysicalAddress
--Party
--Customer
--IndividualCustomer
--MilitaryCustomer
--OrganizationCustomer
--GovernmentCustomer
--TransportCustomer
--Organization
Class: Customer
Description: Entities who purchase products from the Enterprise, including organizations and individuals.
Package EnterpriseCustomer.Customer
Show Neighborhood Graph for Customer
Find Related Data Sources for Customer
Superclasses This class is a type of type of Party and Role
Subclasses IndividualCustomer, InternalCustomer, MilitaryCustomer, OrganizationalCustomer
Related Classes None
Synonyms User, Buyer, Purchaser;+;
Model Level of Class None
Associated URL None
Example Instances None
Type of Class None
Informal Business Rules None
Properties of Customer
Name Type Description
avgYearlySales RealNumber The average yearly sales, post tax, of the custom...
billingAddress PhysicalAddress Address to which one sends the bill
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:22 PM
223

FIG. 2B

203

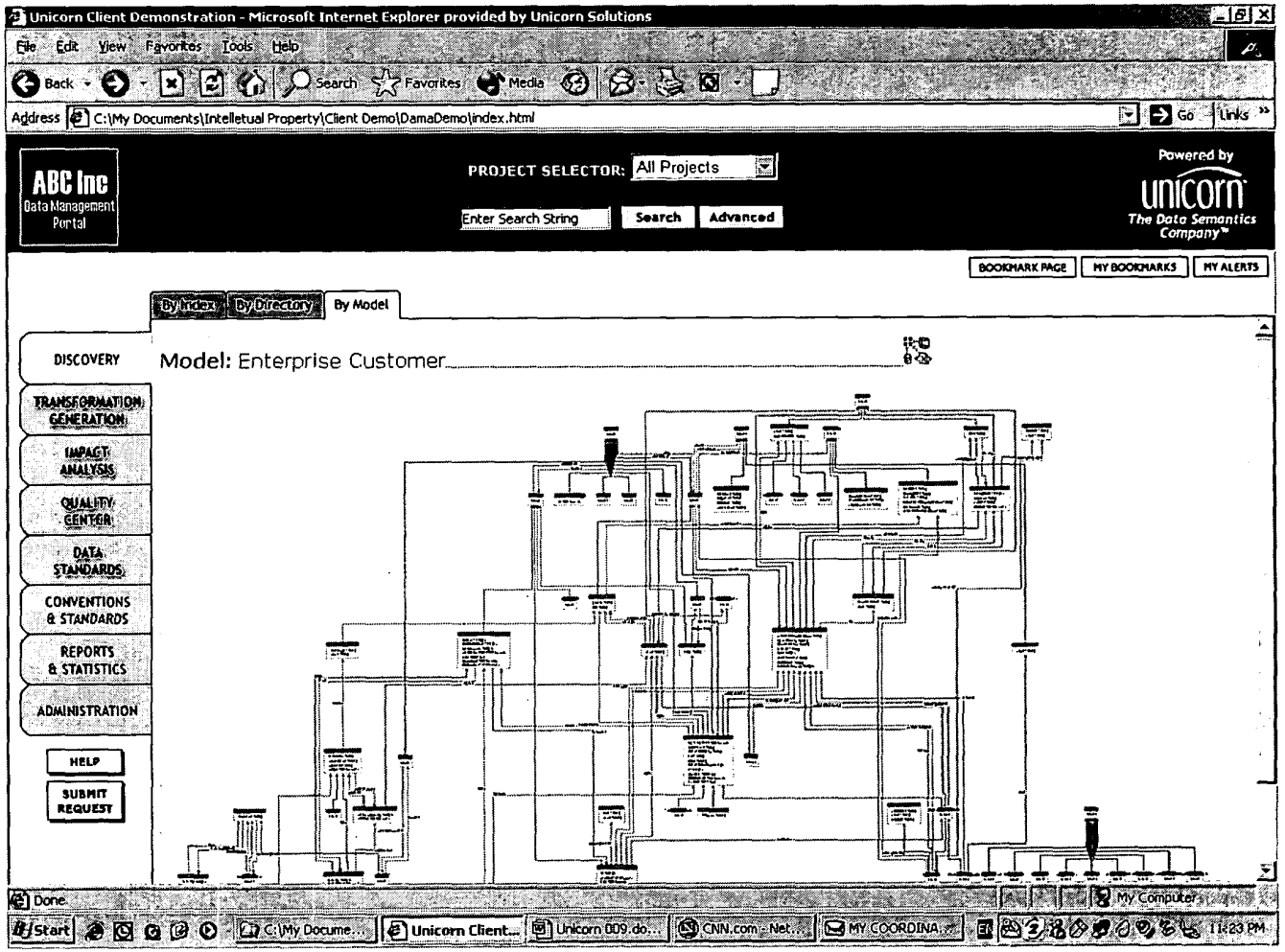

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Model: Enterprise Customer
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:23 PM

FIG. 2C

204

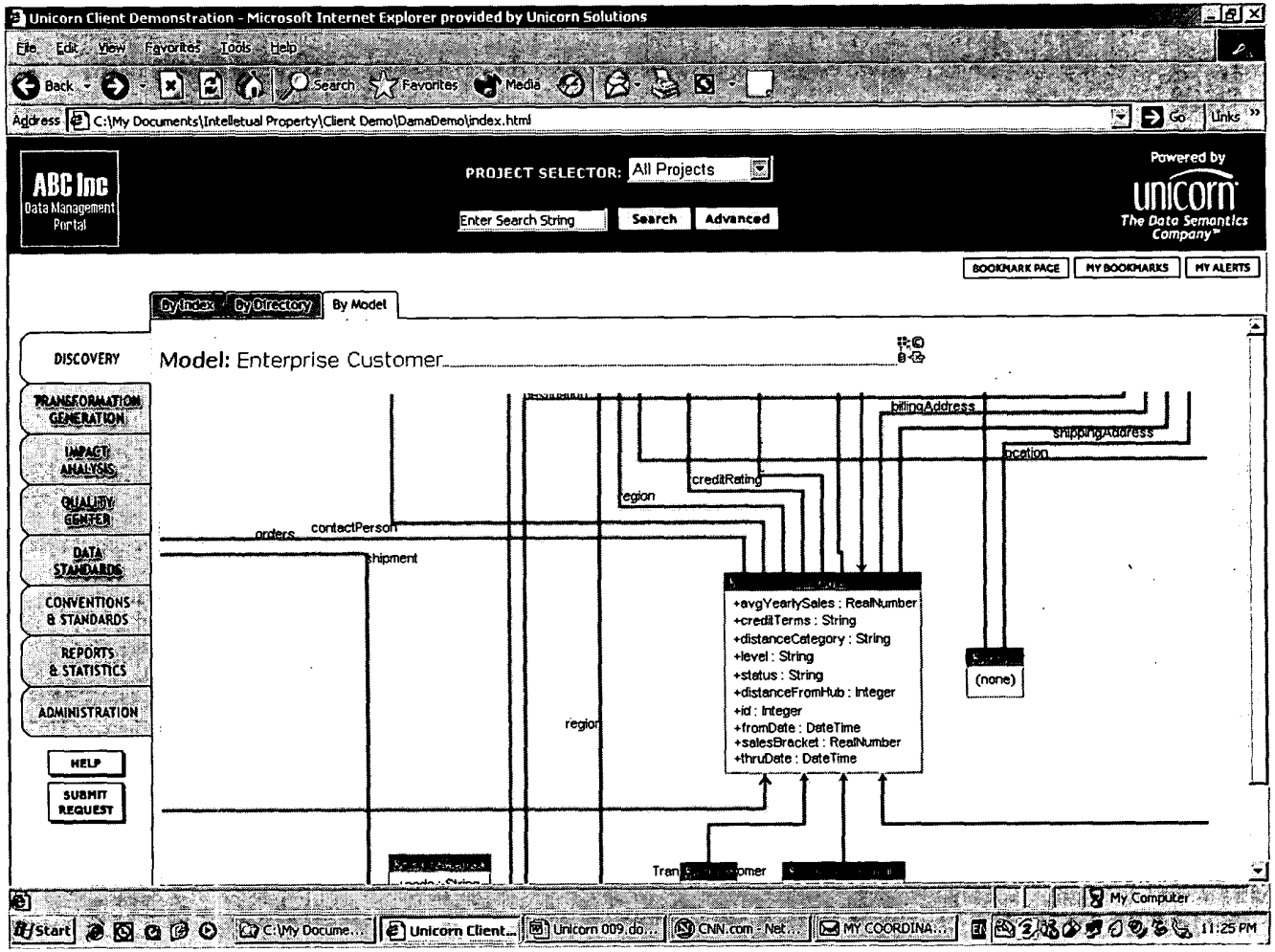

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Model: Enterprise Customer
billingAddress
shippingAddress
location
creditRating
region
orders
contactPerson
shipment
+avgYearlySales : RealNumber
+creditTerms : String
+distanceCategory : String
+level : String
+status : String
+distanceFromHub : Integer
+id : Integer
+fromDate : DateTime
+salesBracket : RealNumber
+thruDate : DateTime
(none)
region
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:25 PM

FIG. 2D

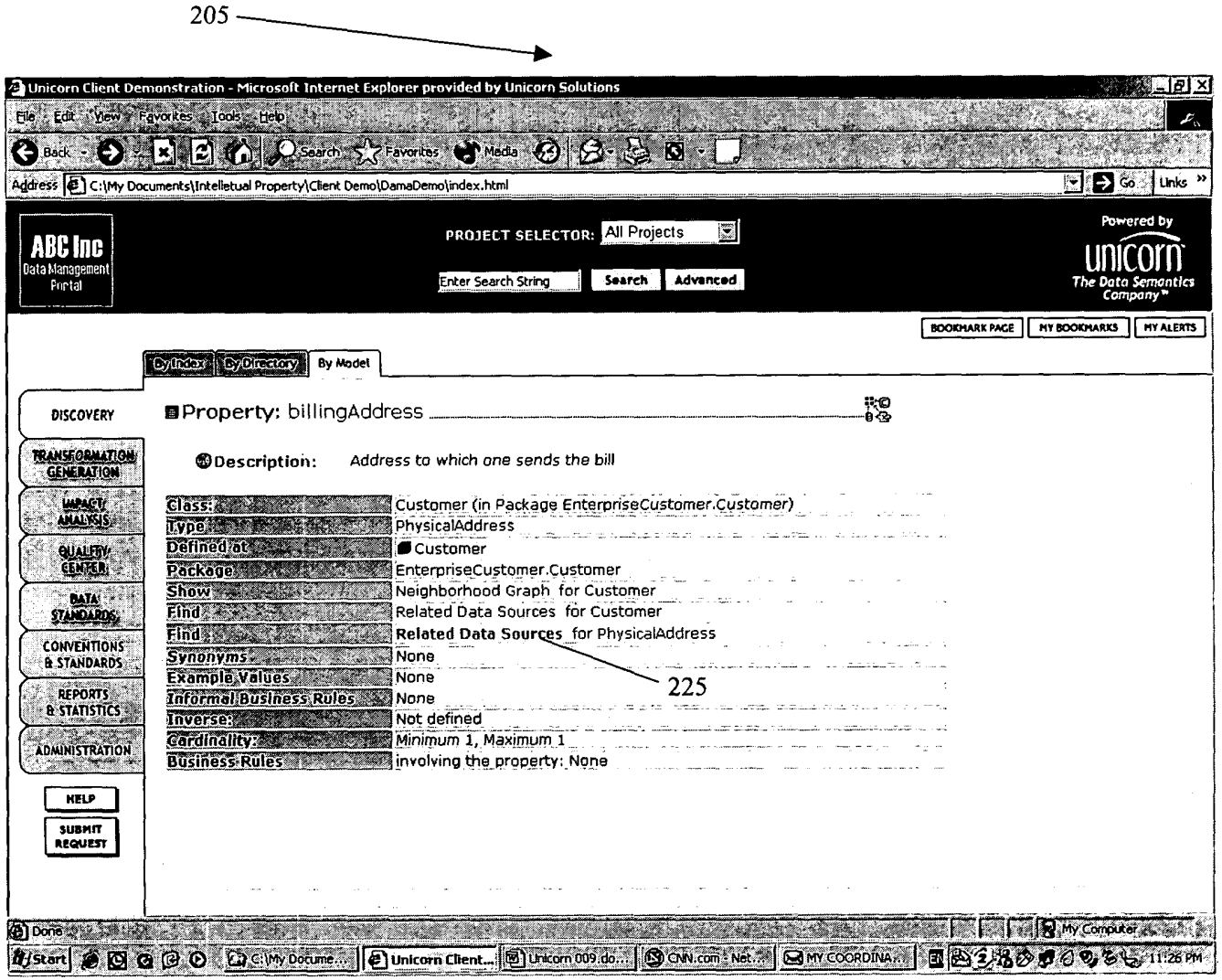

205
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Property: billingAddress
Description: Address to which one sends the bill
Class: Customer (in Package EnterpriseCustomer.Customer)
Type: PhysicalAddress
Defined at: Customer
Package: EnterpriseCustomer.Customer
Show: Neighborhood Graph for Customer
Find: Related Data Sources for Customer
Find: Related Data Sources for PhysicalAddress
Synonyms: None
Example Values: None
Informal Business Rules: None
Inverse: Not defined
Cardinality: Minimum 1, Maximum 1
Business Rules: involving the property: None
225
Done
My Computer
Start
Unicorn Client...
CNN.com - Net...
11:26 PM

FIG. 2E

206

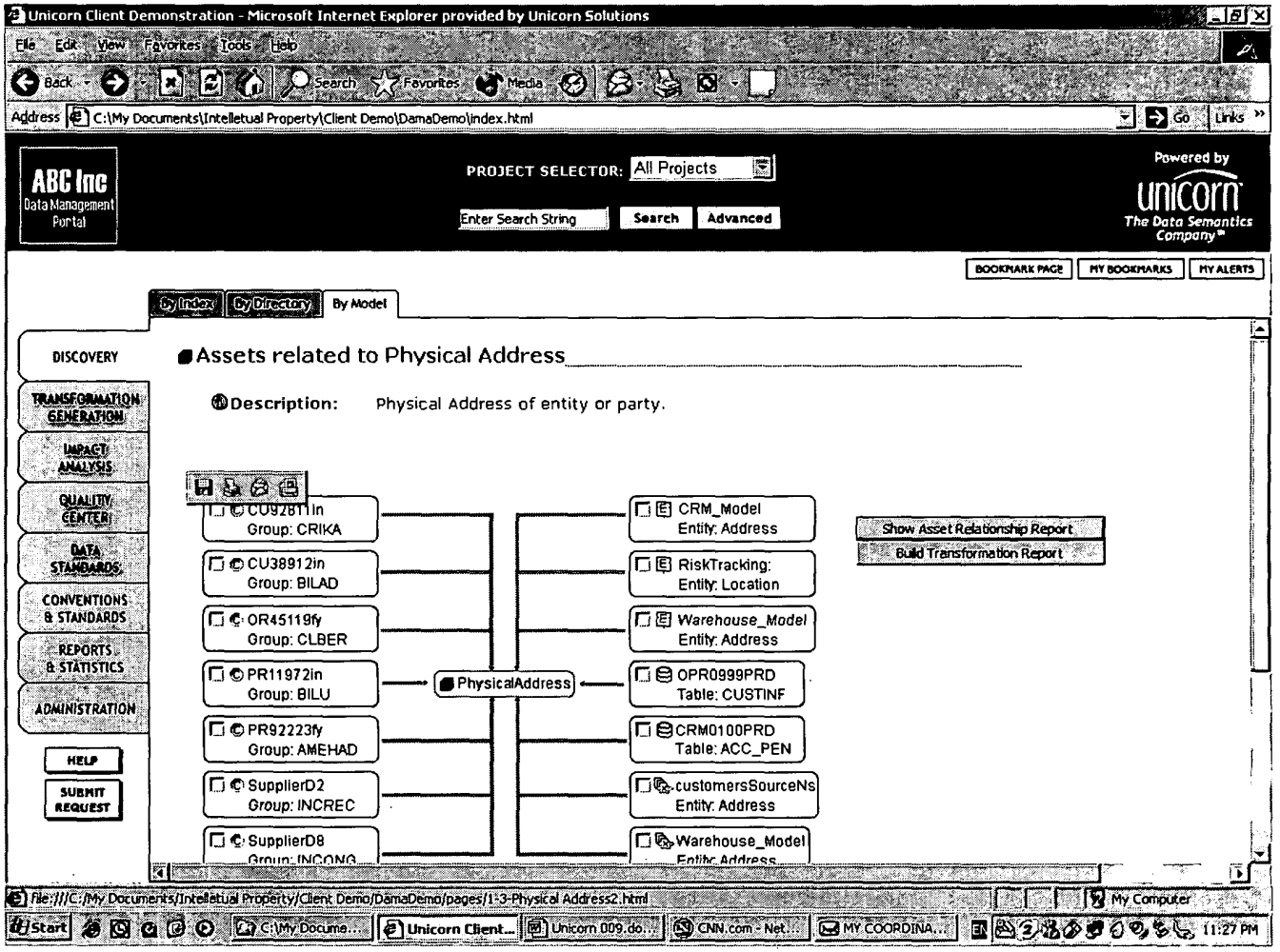

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Assets related to Physical Address
Description: Physical Address of entity or party.
CU92811in
Group: CRIKA
CU38912in
Group: BILAD
OR45119fy
Group: CLBER
PR11972in
Group: BILU
PR92223fy
Group: AMEHAD
SupplierD2
Group: INCREC
SupplierD8
Group: INCONG
PhysicalAddress
CRM_Model
Entity: Address
RiskTracking:
Entity: Location
Warehouse_Model
Entity: Address
OPR0999PRD
Table: CUSTINF
CRM0100PRD
Table: ACC_PEN
customersSourceNs
Entity: Address
Warehouse_Model
Show Asset Relationship Report
Build Transformation Report
file:///C:/My Documents/Intelletual Property/Client Demo/DamaDemo/pages/1-3-Physical Address2.html
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:27 PM

FIG. 2F

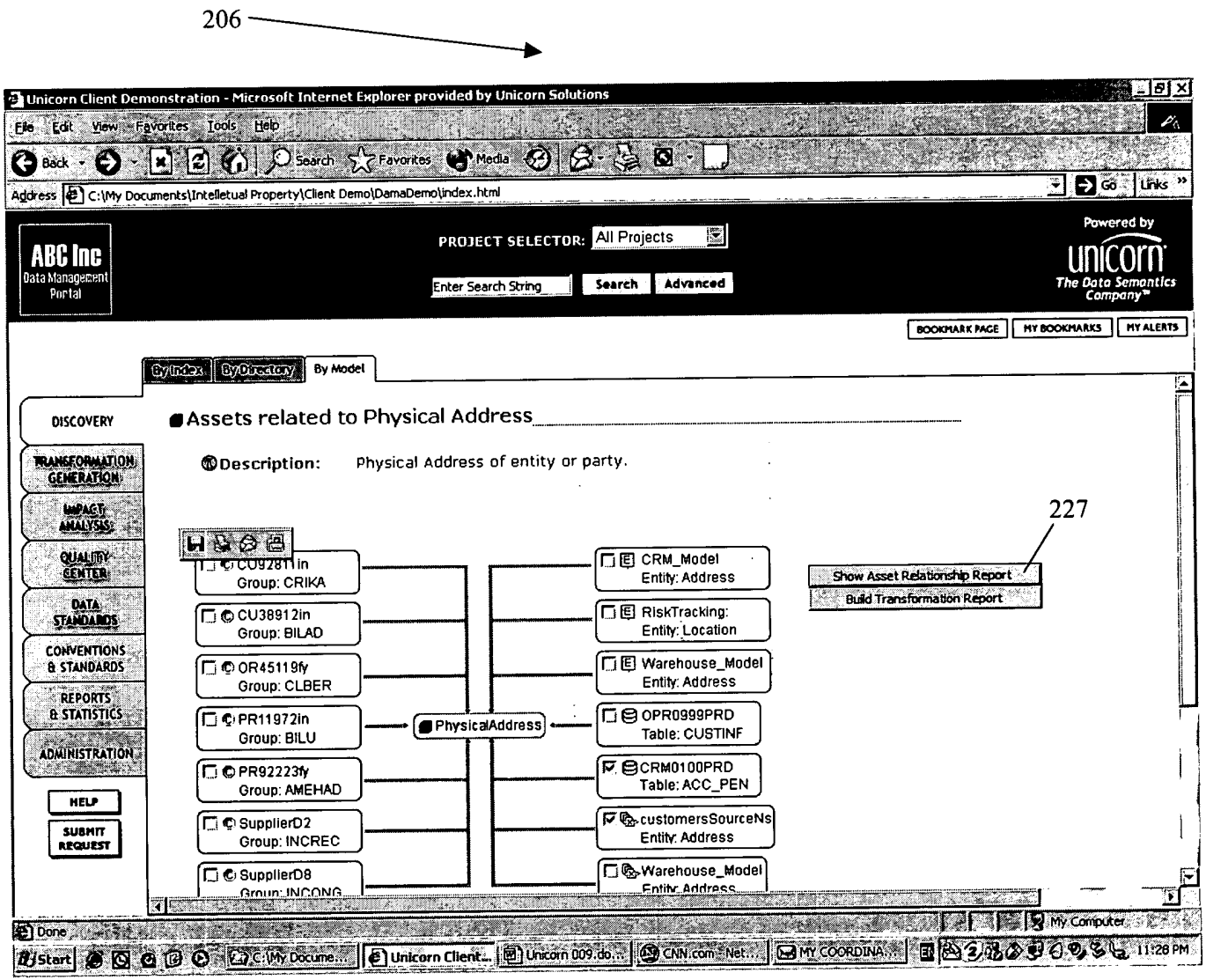

206
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Assets related to Physical Address
Description: Physical Address of entity or party.
227
CU92811in Group: CRIKA
CU38912in Group: BILAD
OR45119fy Group: CLBER
PR11972in Group: BILU
PR92223fy Group: AMEHAD
SupplierD2 Group: INCREC
SupplierD8 Group: INCONG
PhysicalAddress
CRM_Model Entity: Address
RiskTracking: Entity: Location
Warehouse_Model Entity: Address
OPR0999PRD Table: CUSTINF
CRM0100PRD Table: ACC_PEN
customersSourceNs Entity: Address
Warehouse_Model Entity: Address
Show Asset Relationship Report
Build Transformation Report
Done
My Computer
Start
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:28 PM

FIG. 2G

208

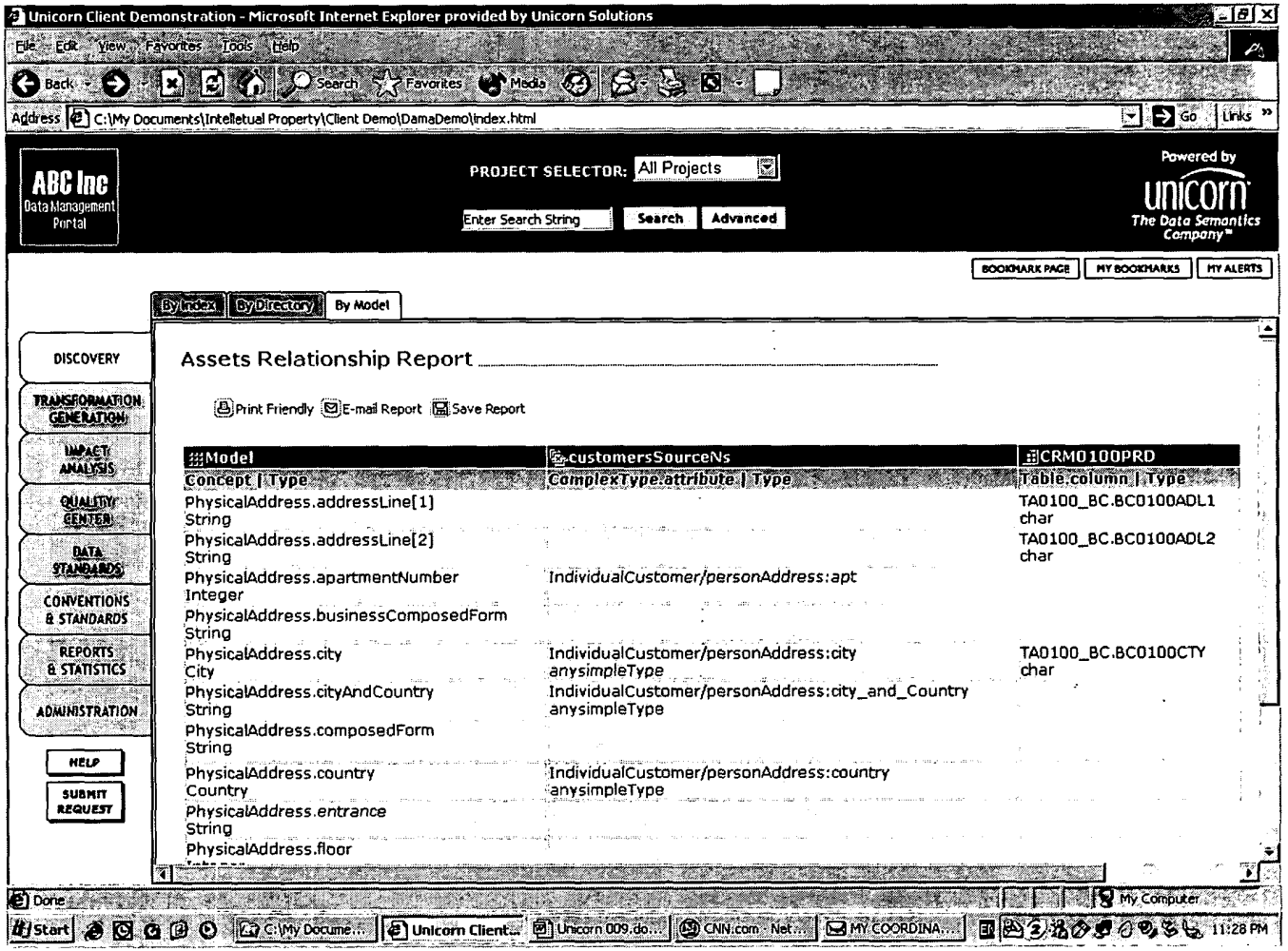

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
By Index
By Directory
By Model
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Assets Relationship Report
Print Friendly
E-mail Report
Save Report
Model
customersSourceNs
CRM0100PRD
Concept | Type
ComplexType.attribute | Type
Table.column | Type
PhysicalAddress.addressLine[1]
String
TA0100_BC.BC0100ADL1
char
PhysicalAddress.addressLine[2]
String
TA0100_BC.BC0100ADL2
char
PhysicalAddress.apartmentNumber
Integer
IndividualCustomer/personAddress:apt
PhysicalAddress.businessComposedForm
String
PhysicalAddress.city
City
IndividualCustomer/personAddress:city
anysimpleType
TA0100_BC.BC0100CTY
char
PhysicalAddress.cityAndCountry
String
IndividualCustomer/personAddress:city_and_Country
anysimpleType
PhysicalAddress.composedForm
String
PhysicalAddress.country
Country
IndividualCustomer/personAddress:country
anysimpleType
PhysicalAddress.entrance
String
PhysicalAddress.floor
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com Net...
MY COORDINA...
11:28 PM

FIG. 2H

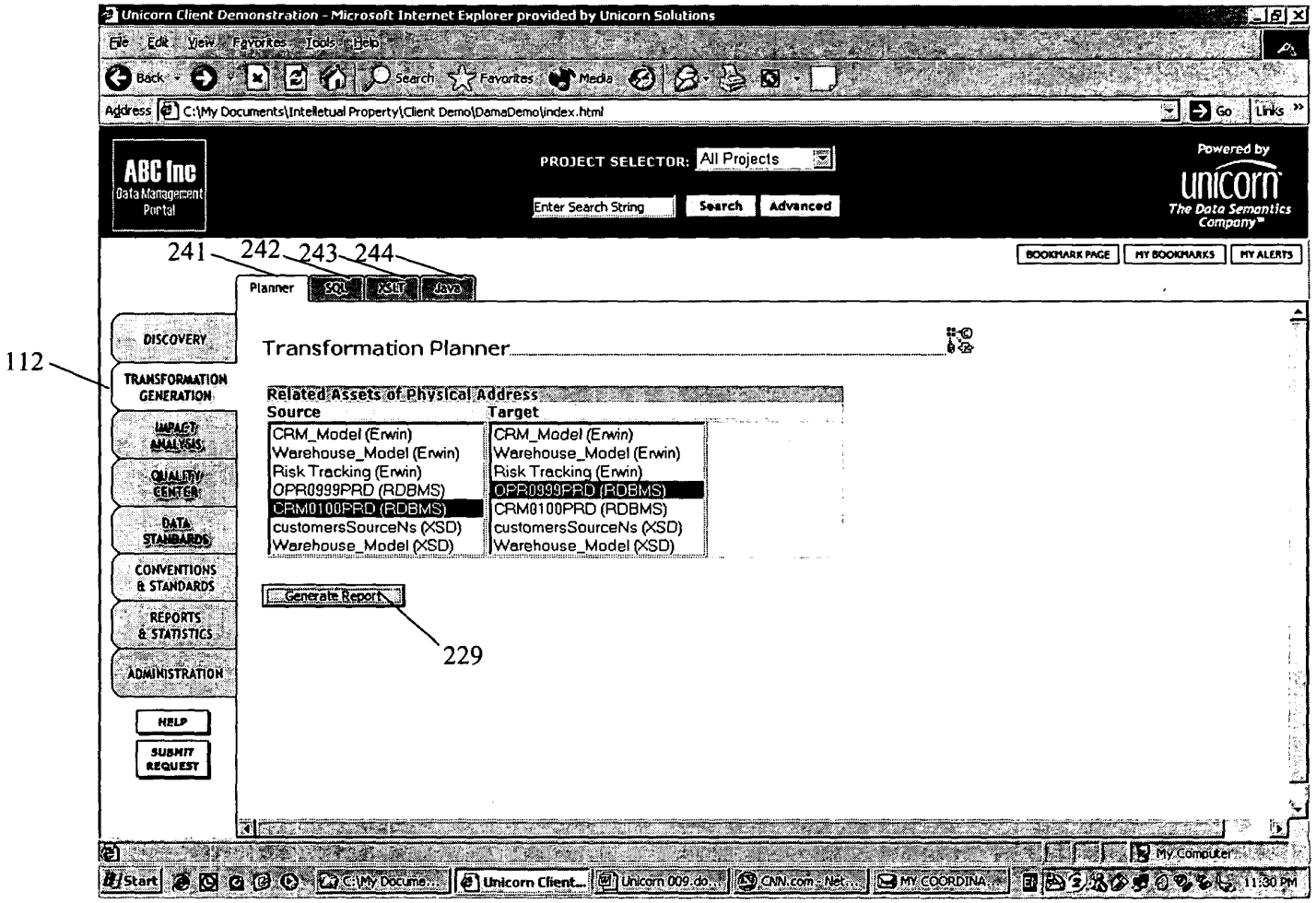

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
Address C:\My Documents\Intellectual Property\Client Demo\DamaDemo\index.html
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
241
242
243
244
Planner
SQL
XSLT
Java
112
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Transformation Planner
Related Assets of Physical Address
Source
Target
CRM_Model (Erwin)
Warehouse_Model (Erwin)
Risk Tracking (Erwin)
OPR0999PRD (RDBMS)
CRM0100PRD (RDBMS)
customersSourceNs (XSD)
Warehouse_Model (XSD)
CRM_Model (Erwin)
Warehouse_Model (Erwin)
Risk Tracking (Erwin)
OPR0999PRD (RDBMS)
CRM0100PRD (RDBMS)
customersSourceNs (XSD)
Warehouse_Model (XSD)
Generate Report
229
My Computer
Start
Unicorn Client...
11:30 PM

FIG. 2I

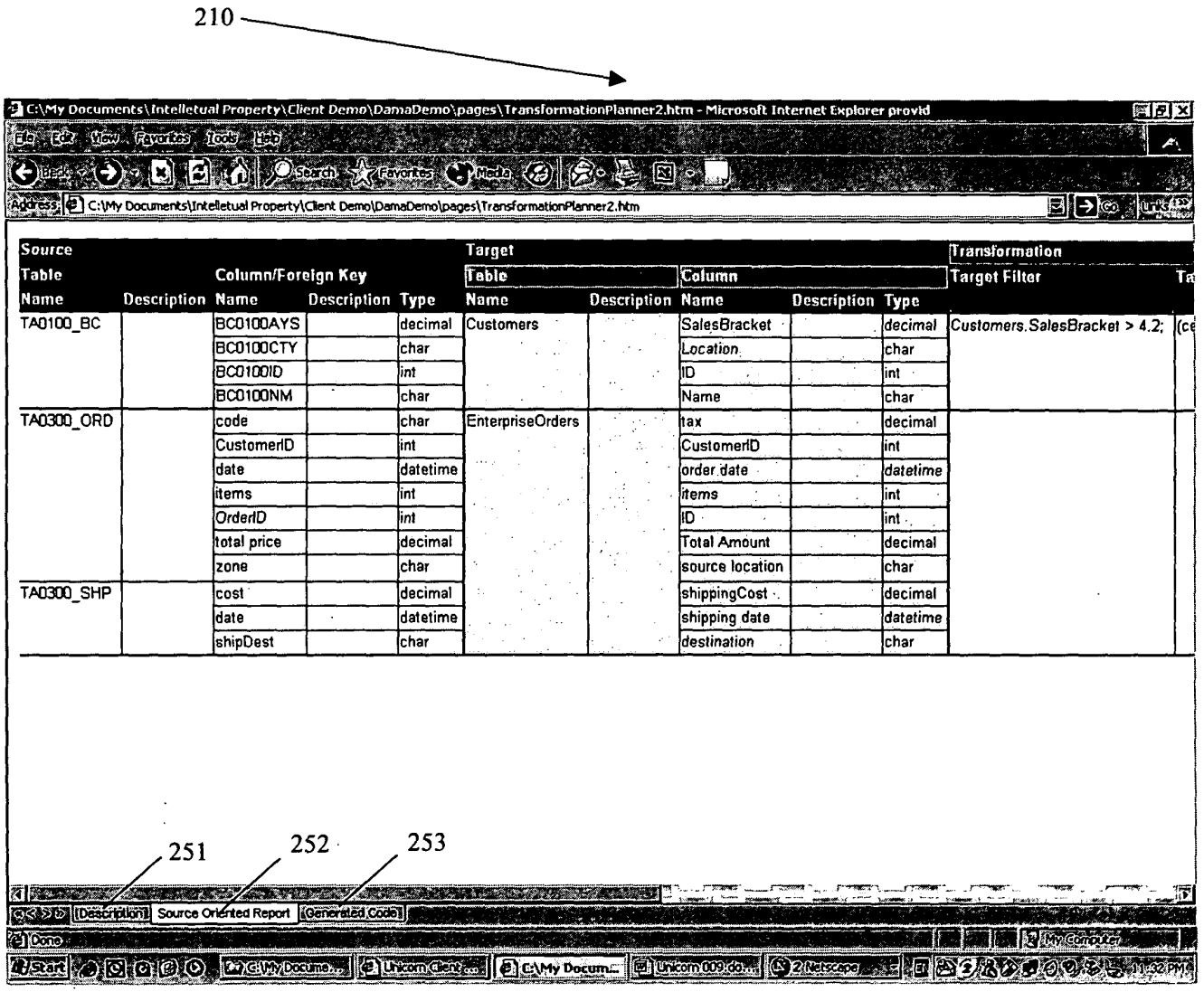

210
C:\My Documents\Intelletual Property\Client Demo\DamaDemo\pages\TransformationPlanner2.htm - Microsoft Internet Explorer provid
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\pages\TransformationPlanner2.htm
Source
Target
Transformation
Table
Column/Foreign Key
Table
Column
Target Filter
Name
Description
Name
Description
Type
Name
Description
Name
Description
Type
TA0100_BC
BC0100AYS
decimal
Customers
SalesBracket
decimal
Customers.SalesBracket > 4.2;
BC0100CTY
char
Location
char
BC0100ID
int
ID
int
BC0100NM
char
Name
char
TA0300_ORD
code
char
EnterpriseOrders
tax
decimal
CustomerID
int
CustomerID
int
date
datetime
order date
datetime
items
int
items
int
OrderID
int
ID
int
total price
decimal
Total Amount
decimal
zone
char
source location
char
TA0300_SHP
cost
decimal
shippingCost
decimal
date
datetime
shipping date
datetime
shipDest
char
destination
char
251
252
253
Description
Source Oriented Report
Generated Code
Done
Start

FIG. 2J

211

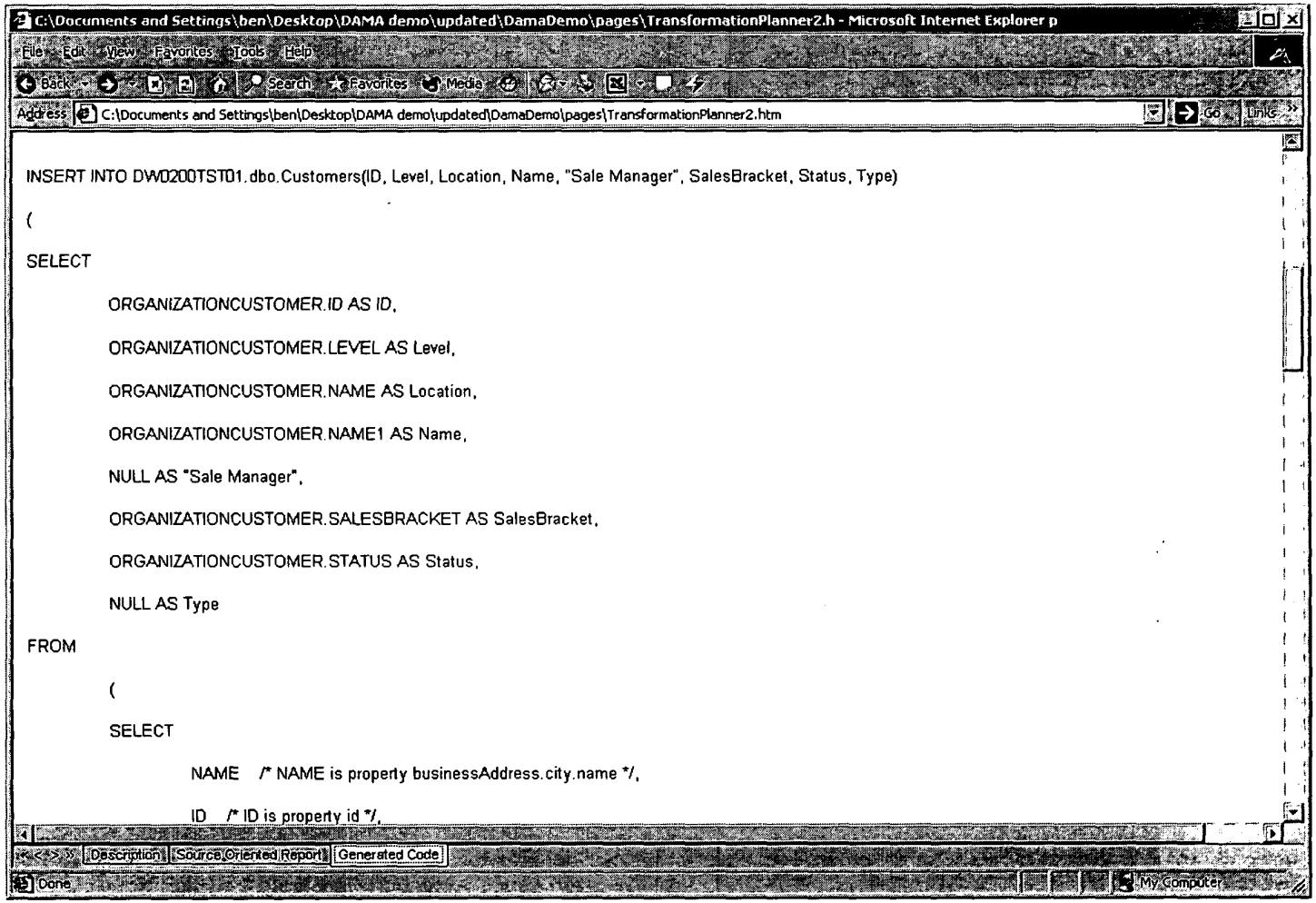

C:\Documents and Settings\ben\Desktop\DAMA demo\updated\DamaDemo\pages\TransformationPlanner2.h - Microsoft Internet Explorer p
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\Documents and Settings\ben\Desktop\DAMA demo\updated\DamaDemo\pages\TransformationPlanner2.htm
Go Links
INSERT INTO DW0200TST01.dbo.Customers(ID, Level, Location, Name, "Sale Manager", SalesBracket, Status, Type)
(
SELECT
ORGANIZATIONCUSTOMER.ID AS ID,
ORGANIZATIONCUSTOMER.LEVEL AS Level,
ORGANIZATIONCUSTOMER.NAME AS Location,
ORGANIZATIONCUSTOMER.NAME1 AS Name,
NULL AS "Sale Manager",
ORGANIZATIONCUSTOMER.SALESBRACKET AS SalesBracket,
ORGANIZATIONCUSTOMER.STATUS AS Status,
NULL AS Type
FROM
(
SELECT
NAME /* NAME is property businessAddress.city.name */,
ID /* ID is property id */,
Description
Source Oriented Report
Generated Code
Done
My Computer

FIG. 2K

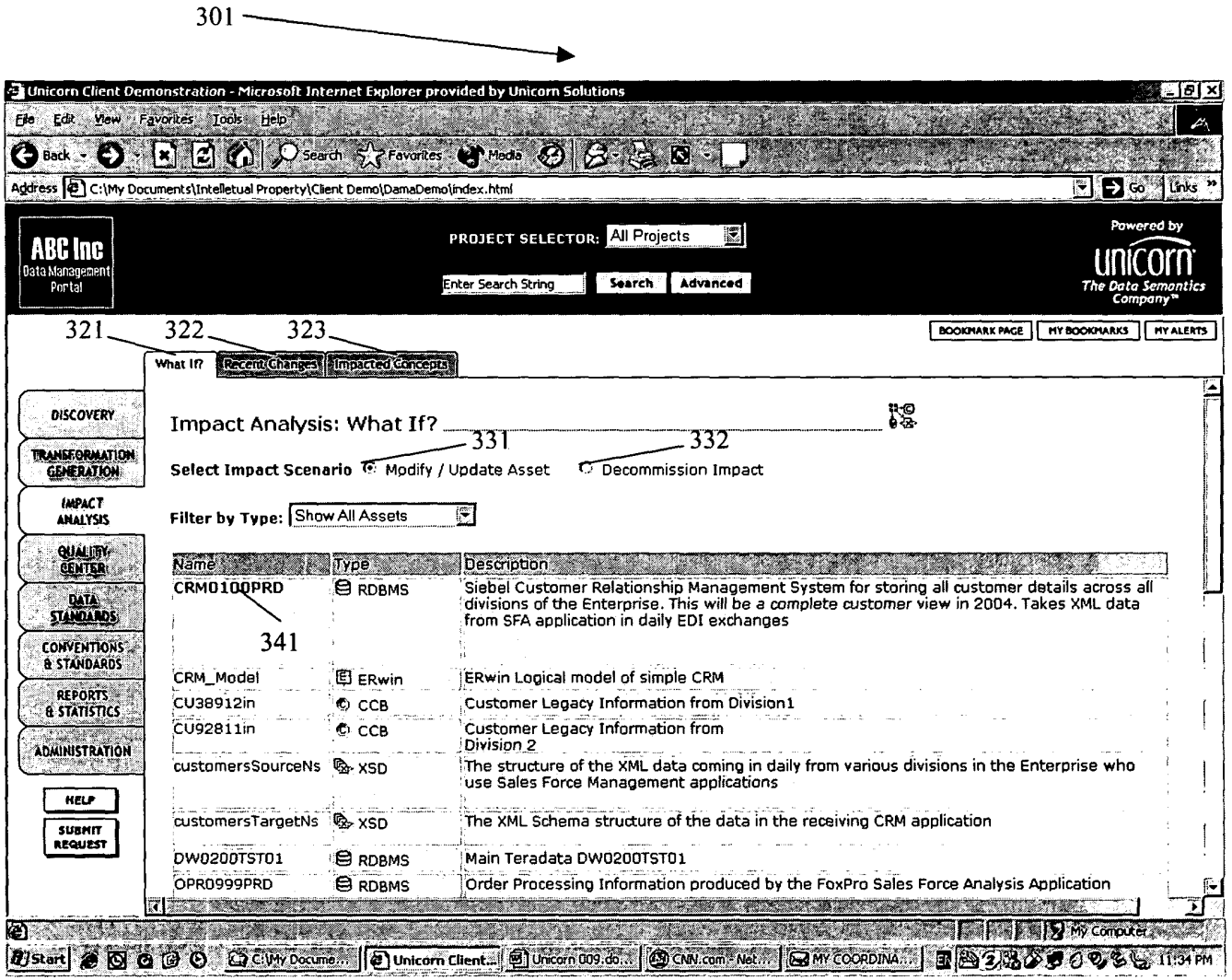

301
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
321
322
323
What If?
Recent Changes
Impacted Concepts
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Impact Analysis: What If?
331
332
Select Impact Scenario
Modify / Update Asset
Decommission Impact
Filter by Type: Show All Assets
Name
Type
Description
CRM0100PRD
RDBMS
Siebel Customer Relationship Management System for storing all customer details across all divisions of the Enterprise. This will be a complete customer view in 2004. Takes XML data from SFA application in daily EDI exchanges
341
CRM_Model
ERwin
ERwin Logical model of simple CRM
CU38912in
CCB
Customer Legacy Information from Division1
CU92811in
CCB
Customer Legacy Information from Division 2
customersSourceNs
XSD
The structure of the XML data coming in daily from various divisions in the Enterprise who use Sales Force Management applications
customersTargetNs
XSD
The XML Schema structure of the data in the receiving CRM application
DW0200TST01
RDBMS
Main Teradata DW0200TST01
OPR0999PRD
RDBMS
Order Processing Information produced by the FoxPro Sales Force Analysis Application
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:34 PM

FIG. 3A

302

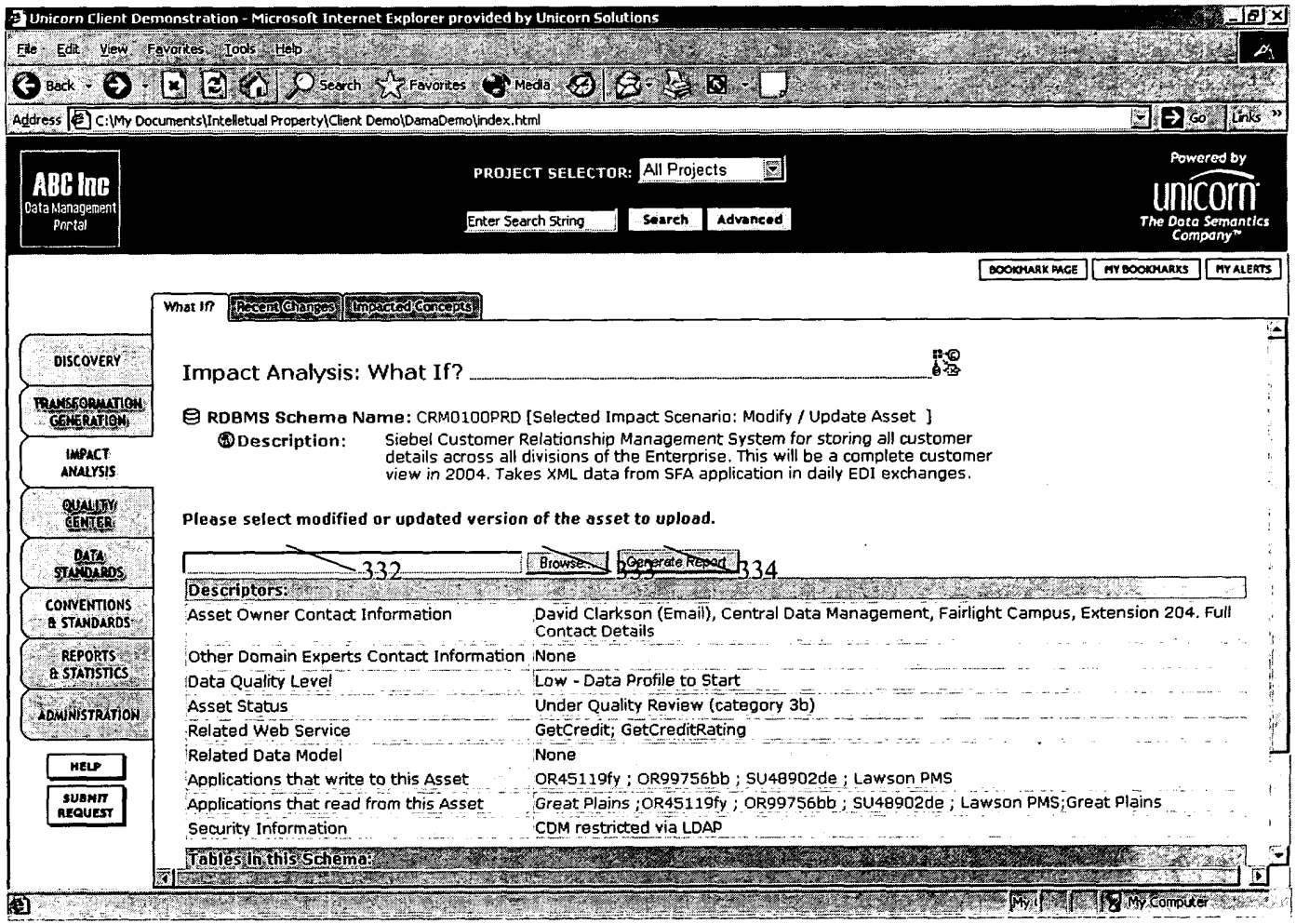

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
What If?
Recent Changes
Impacted Concepts
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Impact Analysis: What If?
RDBMS Schema Name: CRM0100PRD [Selected Impact Scenario: Modify / Update Asset]
Description: Siebel Customer Relationship Management System for storing all customer details across all divisions of the Enterprise. This will be a complete customer view in 2004. Takes XML data from SFA application in daily EDI exchanges.
Please select modified or updated version of the asset to upload.
332
Browse...
Generate Report
333
334
Descriptors:
Asset Owner Contact Information
David Clarkson (Email), Central Data Management, Fairlight Campus, Extension 204. Full Contact Details
Other Domain Experts Contact Information
None
Data Quality Level
Low - Data Profile to Start
Asset Status
Under Quality Review (category 3b)
Related Web Service
GetCredit; GetCreditRating
Related Data Model
None
Applications that write to this Asset
OR45119fy ; OR99756bb ; SU48902de ; Lawson PMS
Applications that read from this Asset
Great Plains ;OR45119fy ; OR99756bb ; SU48902de ; Lawson PMS;Great Plains
Security Information
CDM restricted via LDAP
Tables in this Schema:
My Computer

FIG. 3B

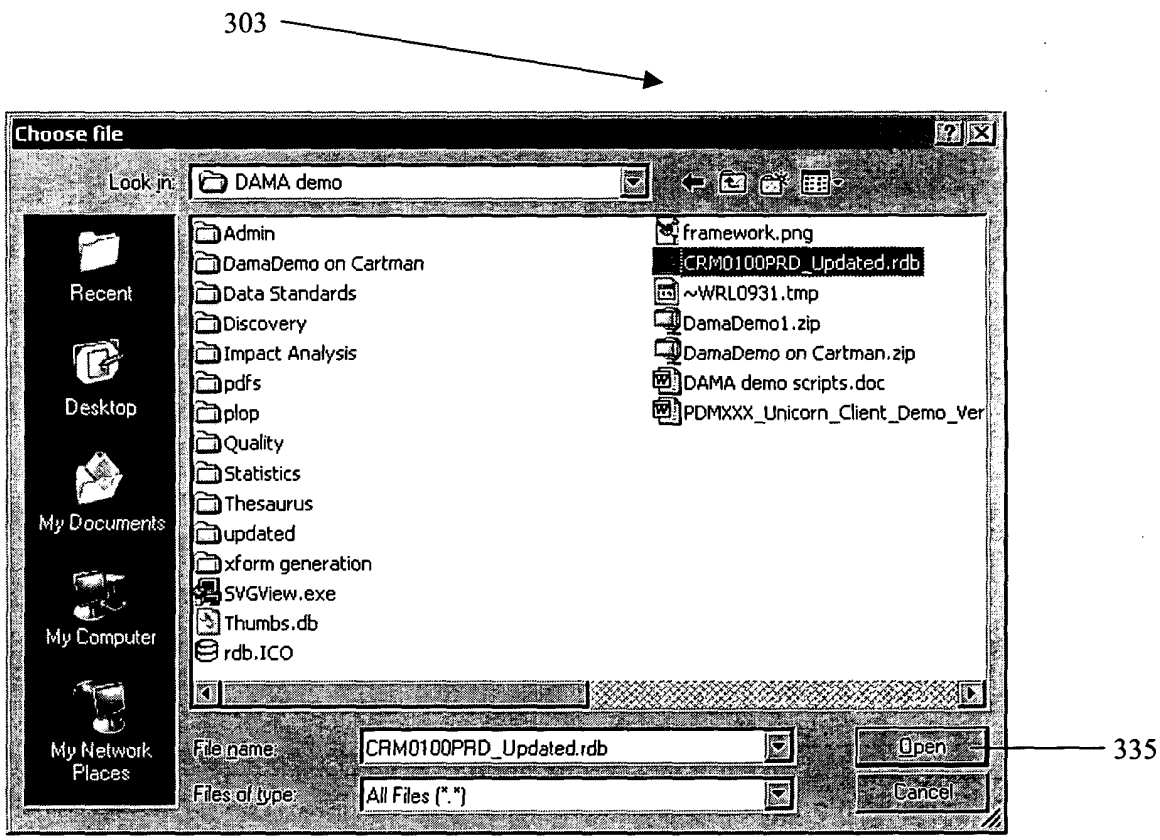
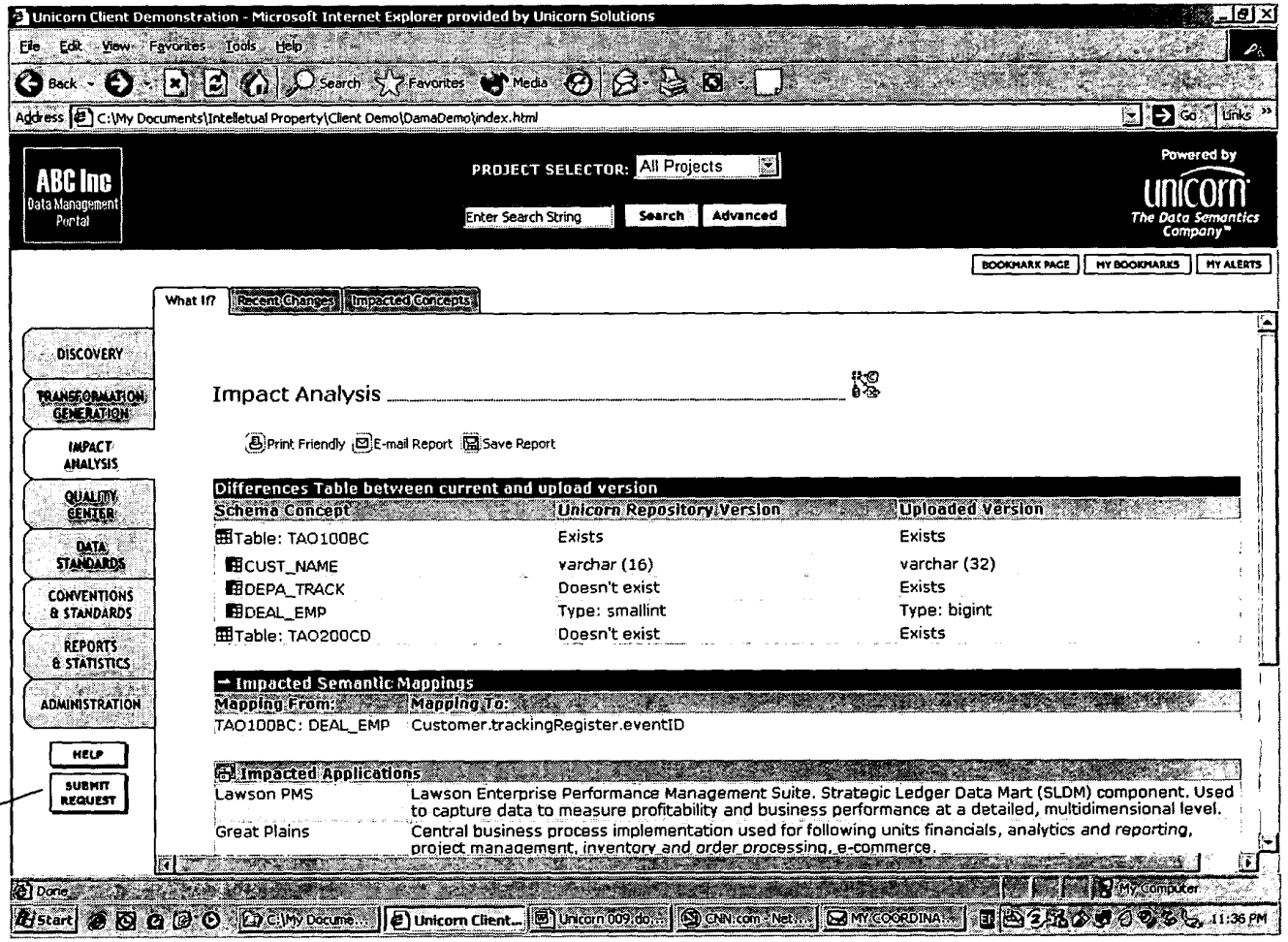

303
Choose file
Look in:
DAMA demo
Recent
Desktop
My Documents
My Computer
My Network Places
Admin
DamaDemo on Cartman
Data Standards
Discovery
Impact Analysis
pdfs
plop
Quality
Statistics
Thesaurus
updated
xform generation
SVGView.exe
Thumbs.db
rdb.ICO
framework.png
CRM0100PRD_Updated.rdb
~WRL0931.tmp
DamaDemo1.zip
DamaDemo on Cartman.zip
DAMA demo scripts.doc
PDMXXX_Unicorn_Client_Demo_Ver
File name:
CRM0100PRD_Updated.rdb
Files of type:
All Files (*.*)
Open
Cancel
335

FIG. 3C

304



150

FIG. 3D

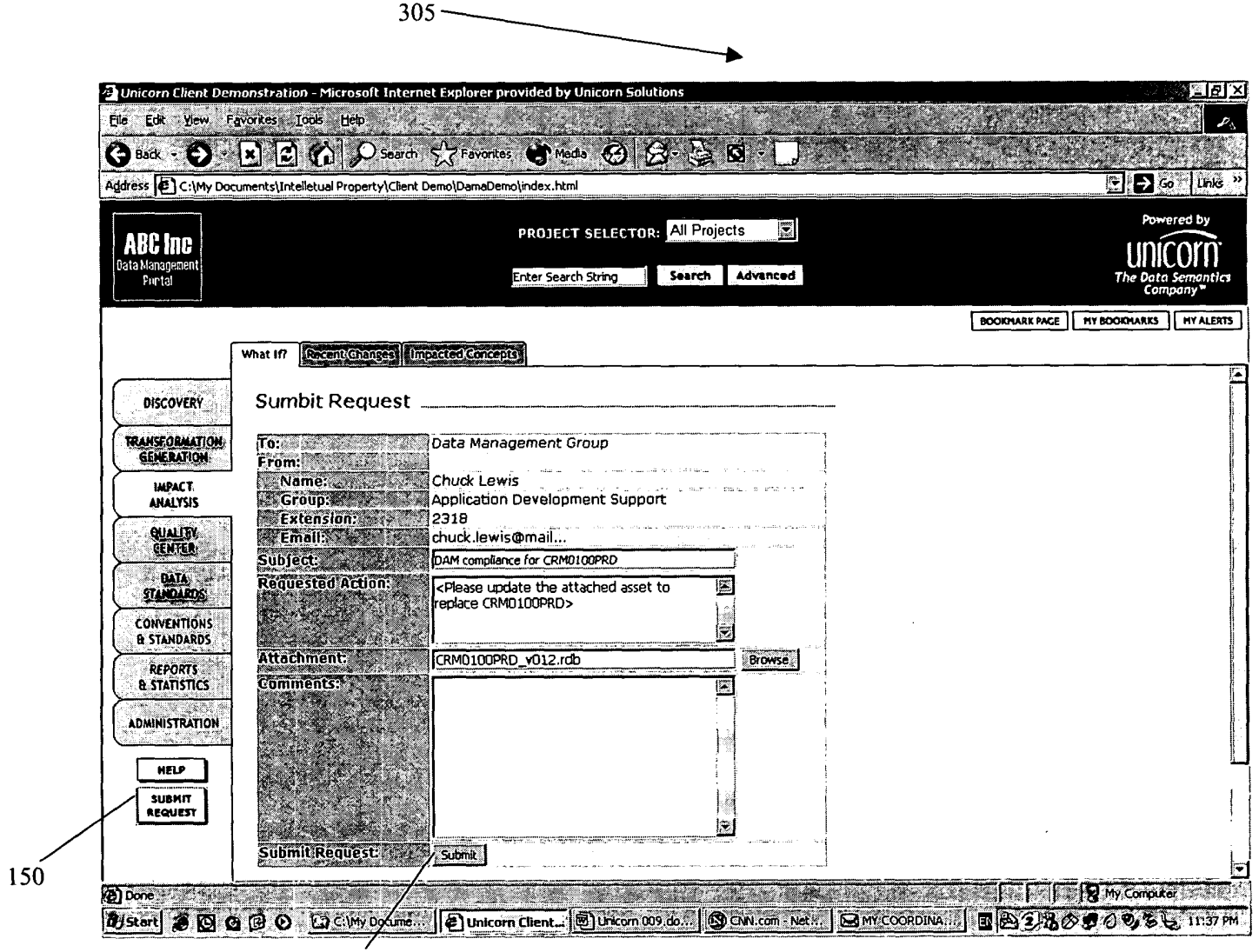

305
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
What If?
Recent Changes
Impacted Concepts
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Sumbit Request
To: Data Management Group
From:
Name: Chuck Lewis
Group: Application Development Support
Extension: 2318
Email: chuck.lewis@mail...
Subject: DAM compliance for CRM0100PRD
Requested Action: <Please update the attached asset to replace CRM0100PRD>
Attachment: CRM0100PRD_v012.rdb
Browse...
Comments:
Submit Request:
Submit
Done
My Computer
Start
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:37 PM
150
336

FIG. 3E

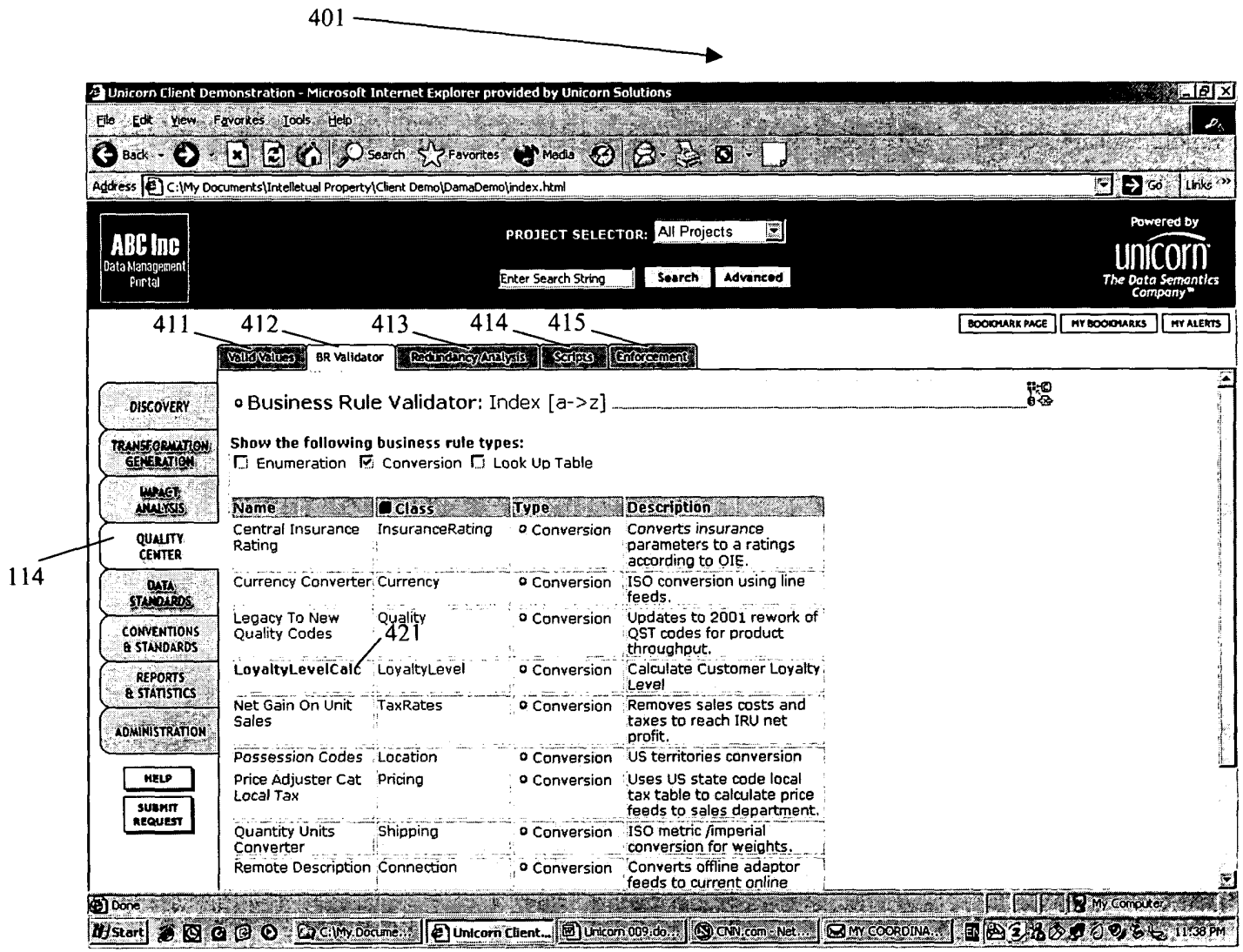

401
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
411
412
413
414
415
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
Valid Values
BR Validator
Redundancy Analysis
Scripts
Enforcement
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
114
Business Rule Validator: Index [a->z]
Show the following business rule types:
Enumeration Conversion Look Up Table
Name
Class
Type
Description
Central Insurance Rating
InsuranceRating
Conversion
Converts insurance parameters to a ratings according to OIE.
Currency Converter
Currency
Conversion
ISO conversion using line feeds.
Legacy To New Quality Codes
Quality
Conversion
Updates to 2001 rework of QST codes for product throughput.
421
LoyaltyLevelCalc
LoyaltyLevel
Conversion
Calculate Customer Loyalty Level
Net Gain On Unit Sales
TaxRates
Conversion
Removes sales costs and taxes to reach IRU net profit.
Possession Codes
Location
Conversion
US territories conversion
Price Adjuster Cat Local Tax
Pricing
Conversion
Uses US state code local tax table to calculate price feeds to sales department.
Quantity Units Converter
Shipping
Conversion
ISO metric /imperial conversion for weights.
Remote Description
Connection
Conversion
Converts offline adaptor feeds to current online
Done
My Computer
Start
11:38 PM

FIG. 4A

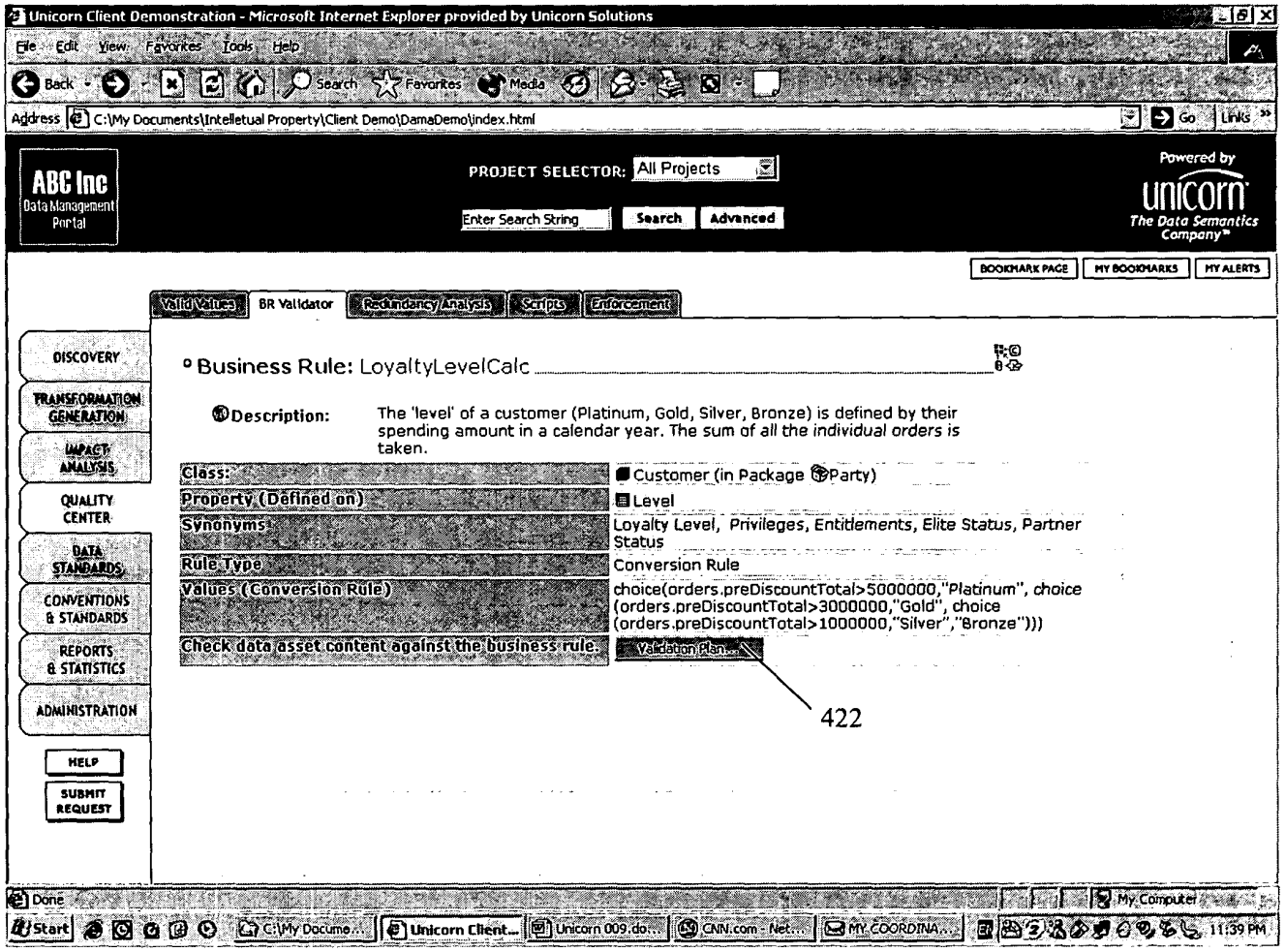

402
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
Valid Values
BR Validator
Redundancy Analysis
Scripts
Enforcement
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Business Rule: LoyaltyLevelCalc
Description:
The 'level' of a customer (Platinum, Gold, Silver, Bronze) is defined by their spending amount in a calendar year. The sum of all the individual orders is taken.
Class:
Customer (in Package Party)
Property (Defined on)
Level
Synonyms
Loyalty Level, Privileges, Entitlements, Elite Status, Partner Status
Rule Type
Conversion Rule
Values (Conversion Rule)
choice(orders.preDiscountTotal>5000000,"Platinum", choice (orders.preDiscountTotal>3000000,"Gold", choice (orders.preDiscountTotal>1000000,"Silver","Bronze")))
Check data asset content against the business rule:
Validation Plan...
422
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:39 PM

FIG. 4B

403

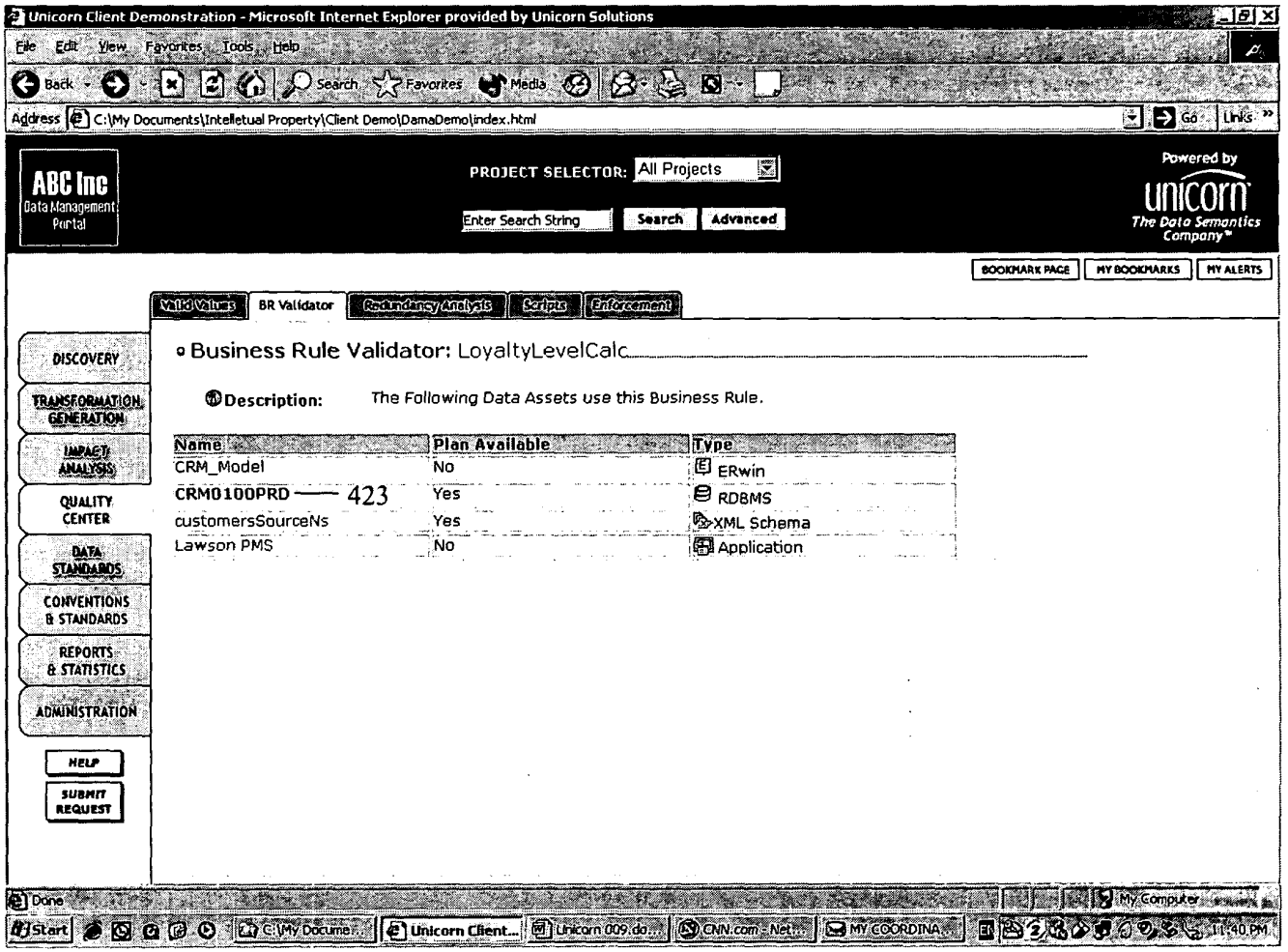

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
Valid Values
BR Validator
Redundancy Analysis
Scripts
Enforcement
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Business Rule Validator: LoyaltyLevelCalc
Description: The Following Data Assets use this Business Rule.
Name
Plan Available
Type
CRM_Model
No
ERwin
CRM0100PRD
423
Yes
RDBMS
customersSourceNs
Yes
XML Schema
Lawson PMS
No
Application
Done
My Computer
Start
Unicorn Client...
CNN.com - Net...
11:40 PM

FIG. 4C

404

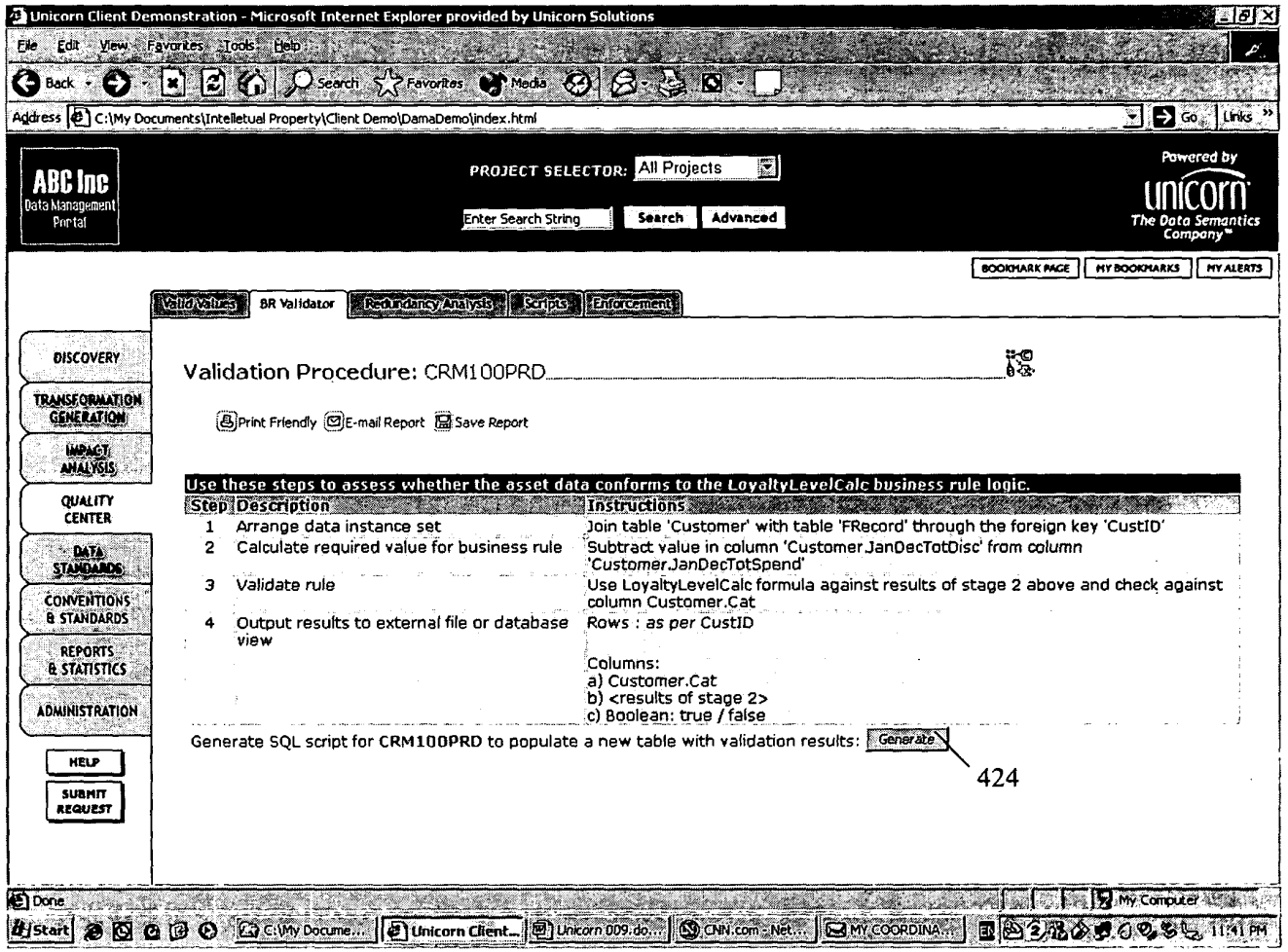

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
Valid Values
BR Validator
Redundancy Analysis
Scripts
Enforcement
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Validation Procedure: CRM100PRD
Print Friendly
E-mail Report
Save Report
Use these steps to assess whether the asset data conforms to the LoyaltyLevelCalc business rule logic.
Step
Description
Instructions
1
Arrange data instance set
Join table 'Customer' with table 'FRecord' through the foreign key 'CustID'
2
Calculate required value for business rule
Subtract value in column 'Customer.JanDecTotDisc' from column 'Customer.JanDecTotSpend'
3
Validate rule
Use LoyaltyLevelCalc formula against results of stage 2 above and check against column Customer.Cat
4
Output results to external file or database view
Rows : as per CustID
Columns:
a) Customer.Cat
b) <results of stage 2>
c) Boolean: true / false
Generate SQL script for CRM100PRD to populate a new table with validation results:
Generate
424
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:41 PM

FIG. 4D

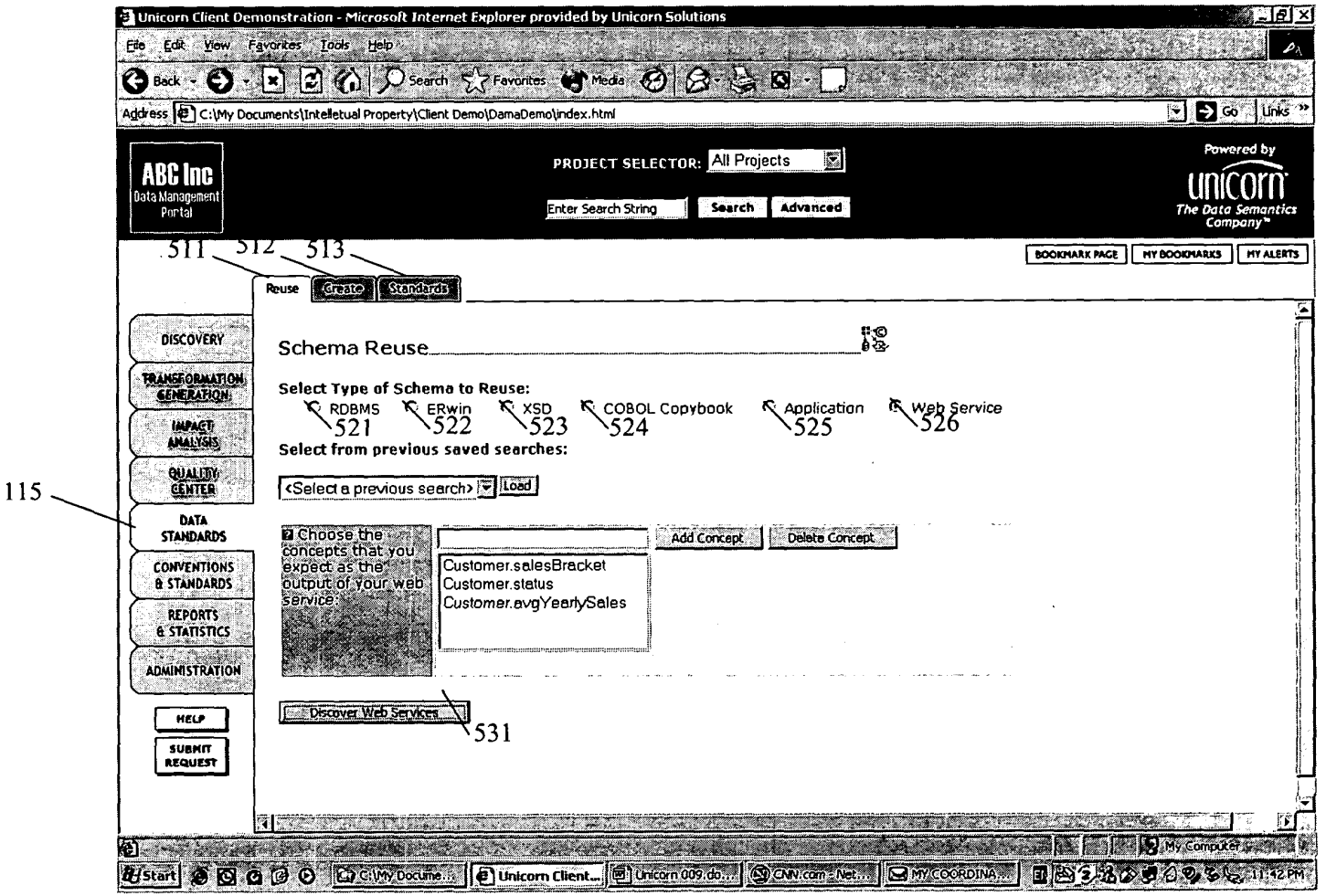

501
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Address C:\My Documents\Inteletual Property\Client Demo\DamaDemo\index.html
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
511
512
513
Reuse
Create
Standards
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
115
Schema Reuse
Select Type of Schema to Reuse:
RDBMS
ERwin
XSD
COBOL Copybook
Application
Web Service
521
522
523
524
525
526
Select from previous saved searches:
<Select a previous search>
Load
Choose the concepts that you expect as the output of your web service:
Add Concept
Delete Concept
Customer.salesBracket
Customer.status
Customer.avgYearlySales
Discover Web Services
531
Start
11:42 PM

FIG. 5A

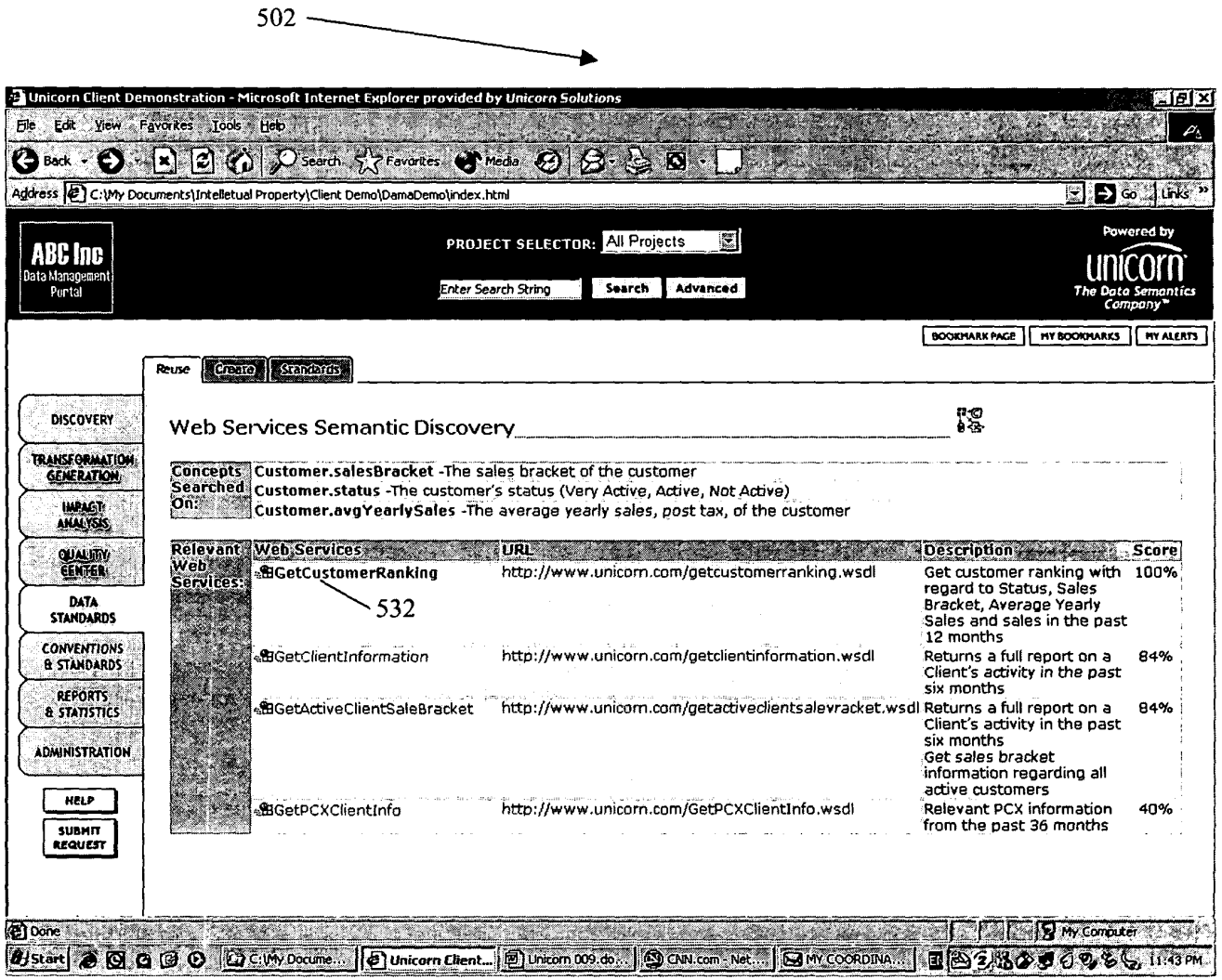

502
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn The Data Semantics Company™
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
Reuse
Create
Standards
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Web Services Semantic Discovery
Concepts Searched On:
Customer.salesBracket -The sales bracket of the customer
Customer.status -The customer's status (Very Active, Active, Not Active)
Customer.avgYearlySales -The average yearly sales, post tax, of the customer
Relevant Web Services:
Web Services
URL
Description
Score
GetCustomerRanking
http://www.unicorn.com/getcustomerranking.wsdl
Get customer ranking with regard to Status, Sales Bracket, Average Yearly Sales and sales in the past 12 months
100%
532
GetClientInformation
http://www.unicorn.com/getclientinformation.wsdl
Returns a full report on a Client's activity in the past six months
84%
GetActiveClientSaleBracket
http://www.unicorn.com/getactiveclientsalevracket.wsdl
Returns a full report on a Client's activity in the past six months
Get sales bracket information regarding all active customers
84%
GetPCXClientInfo
http://www.unicorn.com/GetPCXClientInfo.wsdl
Relevant PCX information from the past 36 months
40%
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:43 PM

FIG. 5B

503

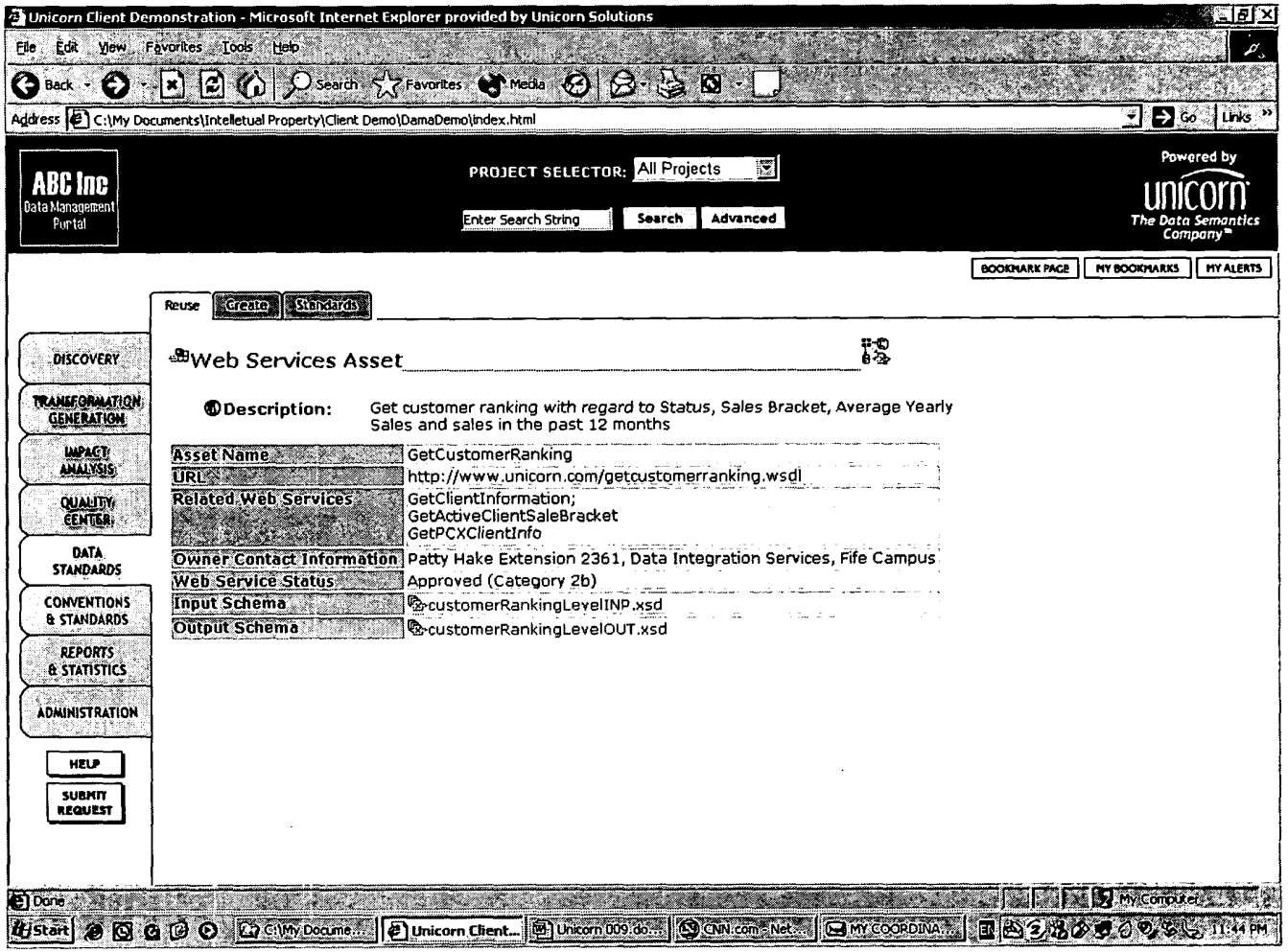

Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
Reuse
Create
Standards
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
Web Services Asset
Description:
Get customer ranking with regard to Status, Sales Bracket, Average Yearly Sales and sales in the past 12 months
Asset Name
GetCustomerRanking
URL
http://www.unicorn.com/getcustomerranking.wsdl
Related Web Services
GetClientInformation;
GetActiveClientSaleBracket
GetPCXClientInfo
Owner Contact Information
Patty Hake Extension 2361, Data Integration Services, Fife Campus
Web Service Status
Approved (Category 2b)
Input Schema
customerRankingLevelINP.xsd
Output Schema
customerRankingLevelOUT.xsd
Done
My Computer
Start
Unicorn Client...
11:44 PM

FIG. 5C

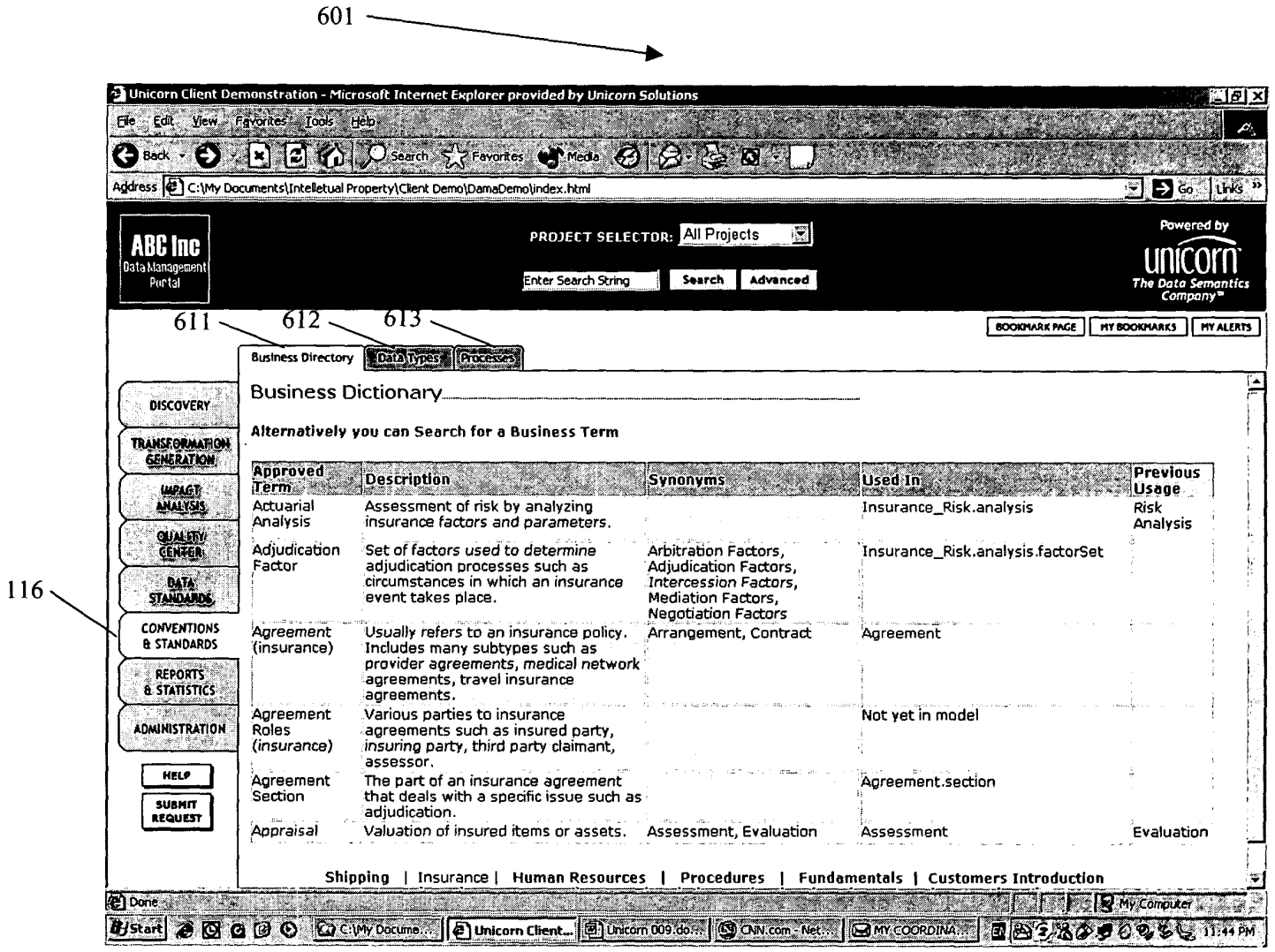

601
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company™
611
612
613
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
Business Directory
Data Types
Processes
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
116
Business Dictionary
Alternatively you can Search for a Business Term
Approved Term
Description
Synonyms
Used In
Previous Usage
Actuarial Analysis
Assessment of risk by analyzing insurance factors and parameters.
Insurance_Risk.analysis
Risk Analysis
Adjudication Factor
Set of factors used to determine adjudication processes such as circumstances in which an insurance event takes place.
Arbitration Factors, Adjudication Factors, Intercession Factors, Mediation Factors, Negotiation Factors
Insurance_Risk.analysis.factorSet
Agreement (insurance)
Usually refers to an insurance policy. Includes many subtypes such as provider agreements, medical network agreements, travel insurance agreements.
Arrangement, Contract
Agreement
Agreement Roles (insurance)
Various parties to insurance agreements such as insured party, insuring party, third party claimant, assessor.
Not yet in model
Agreement Section
The part of an insurance agreement that deals with a specific issue such as adjudication.
Agreement.section
Appraisal
Valuation of insured items or assets.
Assessment, Evaluation
Assessment
Evaluation
Shipping | Insurance | Human Resources | Procedures | Fundamentals | Customers Introduction
Done
My Computer
Start
Unicorn Client...
11:44 PM

FIG. 6

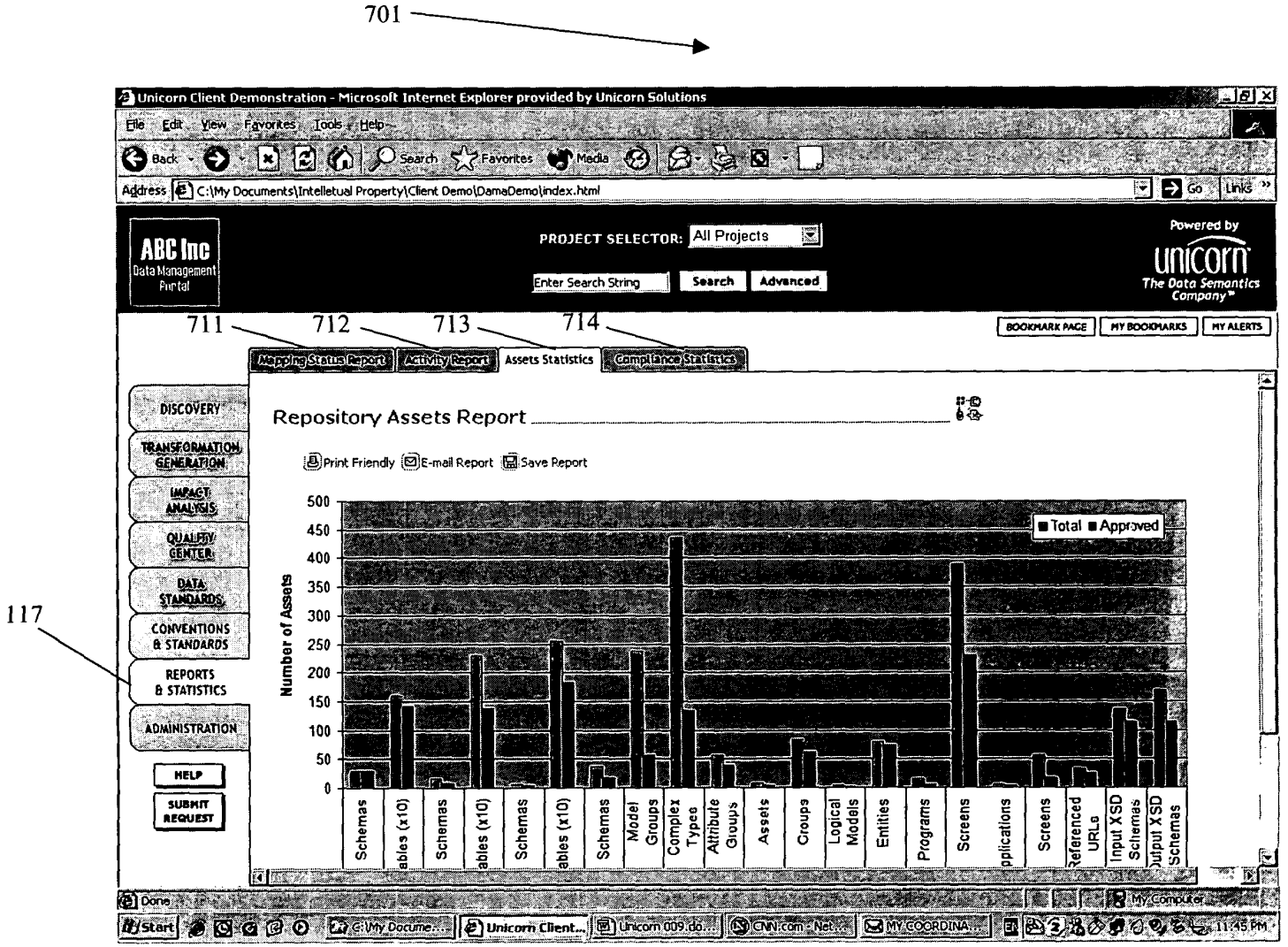

701
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Go Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
711
712
713
714
Mapping Status Report
Activity Report
Assets Statistics
Compliance Statistics
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
117
Repository Assets Report
Print Friendly
E-mail Report
Save Report
Number of Assets
500
450
400
350
300
250
200
150
100
50
0
Total
Approved
Schemas
Tables (x10)
Schemas
Tables (x10)
Schemas
Tables (x10)
Schemas
Model Groups
Complex Types
Attribute Groups
Assets
Groups
Logical Models
Entities
Programs
Screens
Applications
Screens
Referenced URLs
Input XSD Schemas
Output XSD Schemas
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:45 PM

FIG. 7

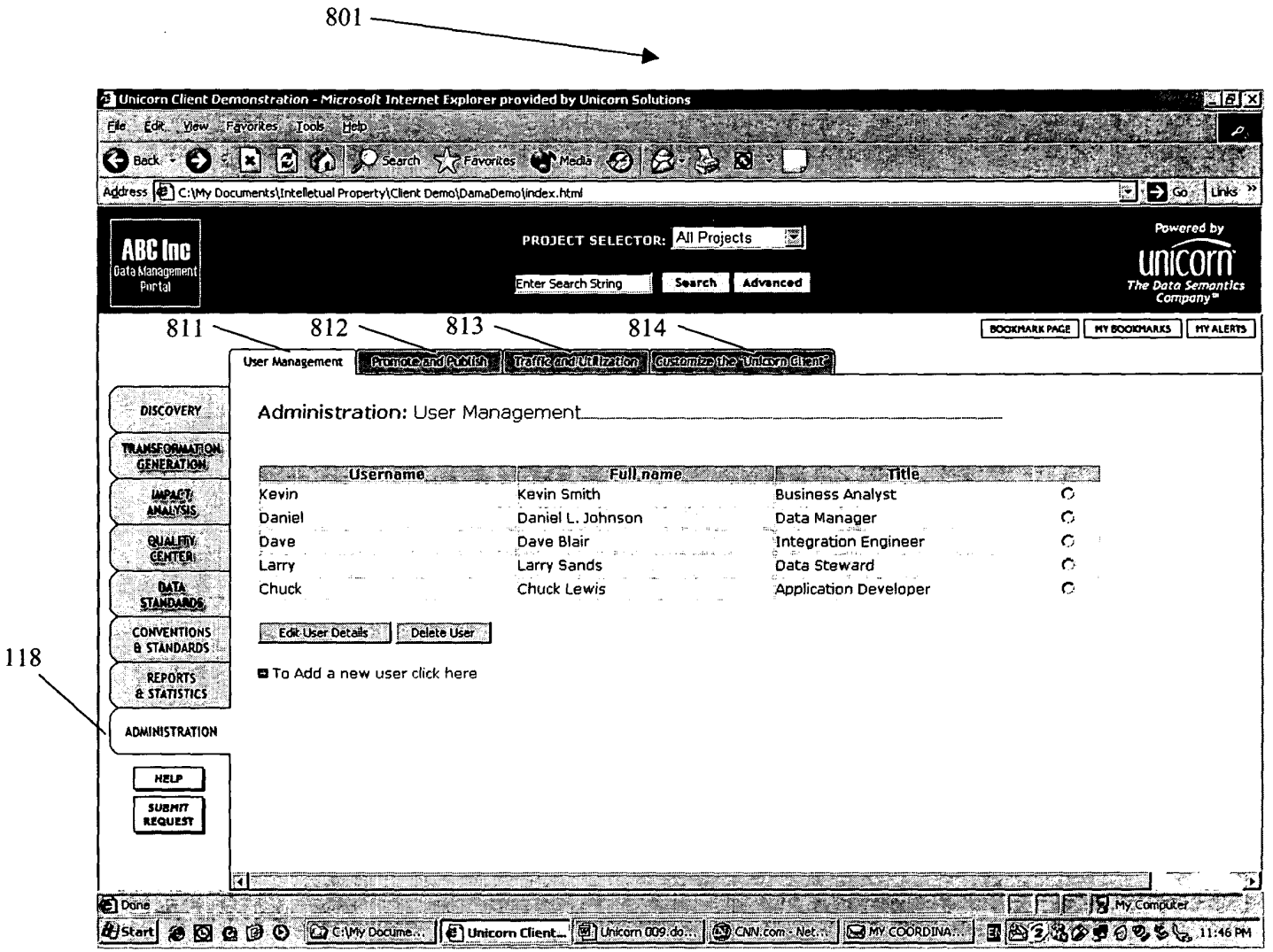

801
Unicorn Client Demonstration - Microsoft Internet Explorer provided by Unicorn Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\My Documents\Intelletual Property\Client Demo\DamaDemo\index.html
Links
ABC Inc
Data Management Portal
PROJECT SELECTOR: All Projects
Enter Search String
Search
Advanced
Powered by unicorn
The Data Semantics Company
BOOKMARK PAGE
MY BOOKMARKS
MY ALERTS
811
812
813
814
User Management
Promote and Publish
Traffic and Utilization
Customize the "Unicorn Client"
DISCOVERY
TRANSFORMATION GENERATION
IMPACT ANALYSIS
QUALITY CENTER
DATA STANDARDS
CONVENTIONS & STANDARDS
REPORTS & STATISTICS
ADMINISTRATION
HELP
SUBMIT REQUEST
118
Administration: User Management
Username
Full name
Title
Kevin
Kevin Smith
Business Analyst
Daniel
Daniel L. Johnson
Data Manager
Dave
Dave Blair
Integration Engineer
Larry
Larry Sands
Data Steward
Chuck
Chuck Lewis
Application Developer
Edit User Details
Delete User
To Add a new user click here
Done
My Computer
Start
C:\My Docume...
Unicorn Client...
Unicorn 009.do...
CNN.com - Net...
MY COORDINA...
11:46 PM

FIG. 8

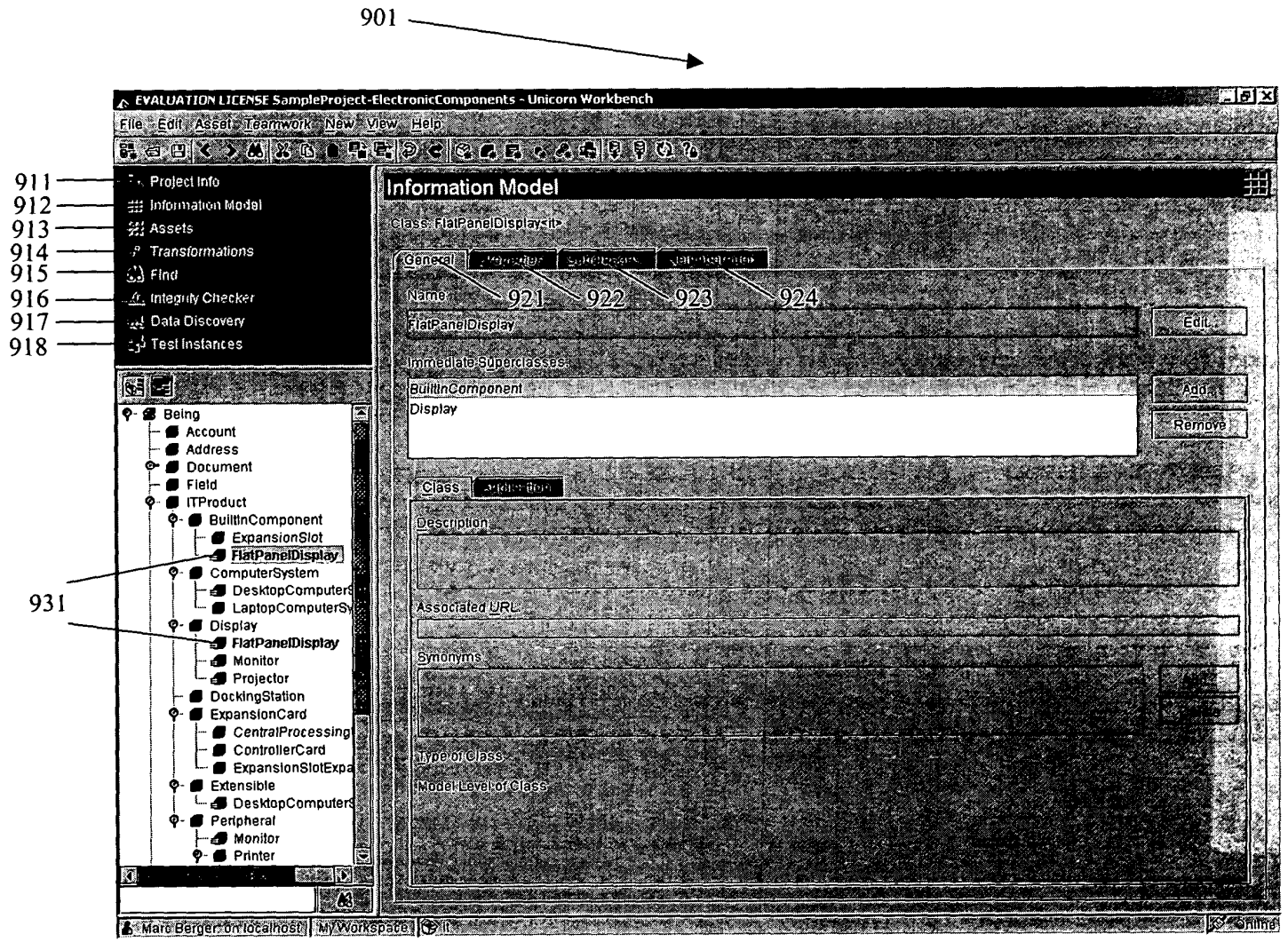

901
EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
911 Project Info
912 Information Model
913 Assets
914 Transformations
915 Find
916 Integrity Checker
917 Data Discovery
918 Test Instances
Information Model
Class: FlatPanelDisplay<it>
General
921
922
923
924
Name
FlatPanelDisplay
Edit...
Immediate Superclasses
BuiltInComponent
Display
Add...
Remove
Class
Description
Associated URL
Synonyms
Type of Class
Model Level of Class
Being
Account
Address
Document
Field
ITProduct
BuiltInComponent
ExpansionSlot
FlatPanelDisplay
ComputerSystem
DesktopComputer
LaptopComputerSy
Display
FlatPanelDisplay
Monitor
Projector
DockingStation
ExpansionCard
CentralProcessing
ControllerCard
ExpansionSlotExpa
Extensible
DesktopComputer
Peripheral
Monitor
Printer
931
Marc Berger on localhost
MyWorkspace
Online

FIG. 9A

902

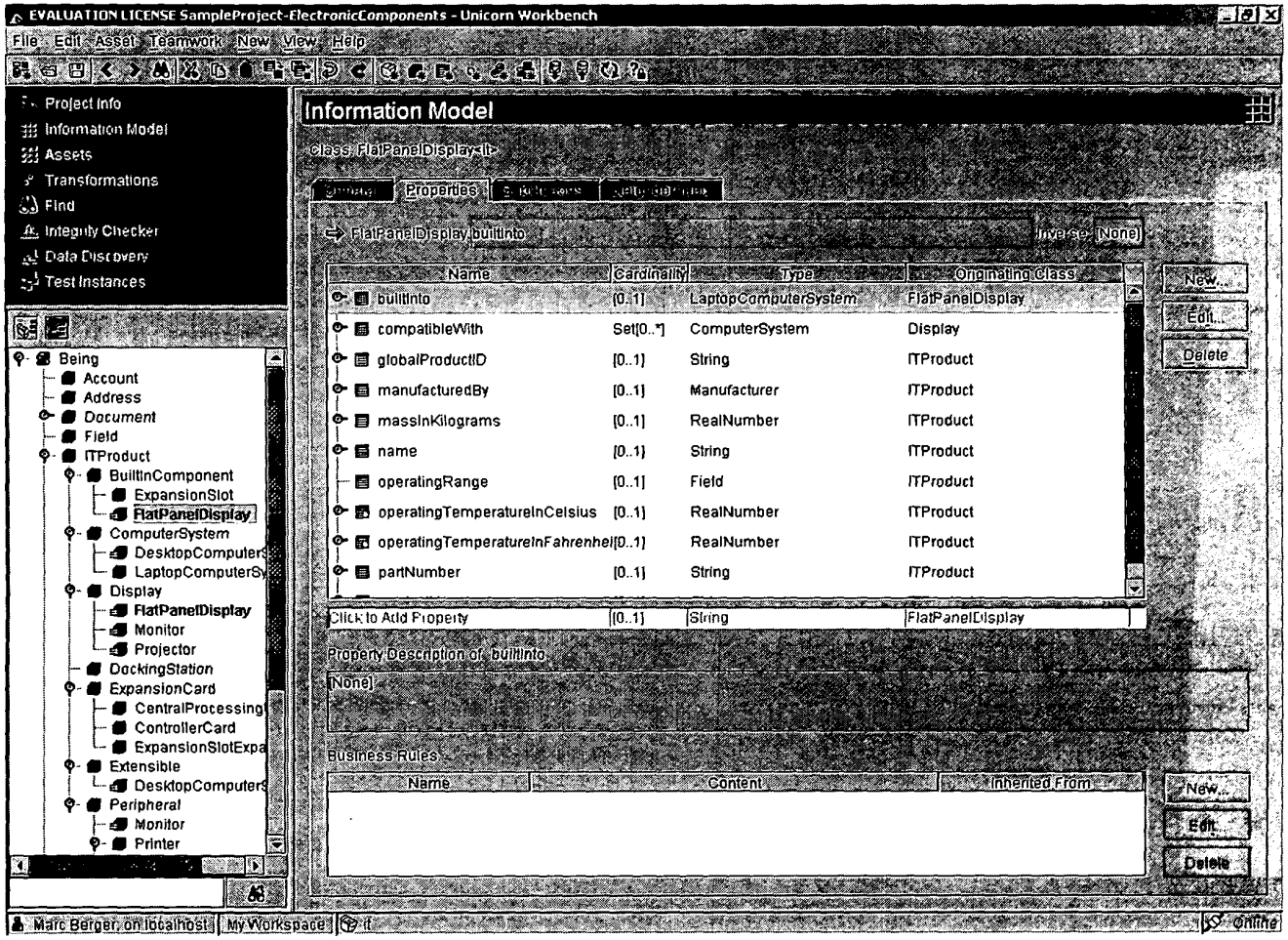

EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Being
Account
Address
Document
Field
ITProduct
BuiltInComponent
ExpansionSlot
FlatPanelDisplay
ComputerSystem
DesktopComputer
LaptopComputerSy
Display
FlatPanelDisplay
Monitor
Projector
DockingStation
ExpansionCard
CentralProcessing
ControllerCard
ExpansionSlotExpa
Extensible
DesktopComputer
Peripheral
Monitor
Printer
Information Model
class: FlatPanelDisplay<it>
Properties
FlatPanelDisplay.builtInto
Inverse: (None)
Name
Cardinality
Type
Originating Class
builtInto [0..1] LaptopComputerSystem FlatPanelDisplay
compatibleWith Set[0..*] ComputerSystem Display
globalProductID [0..1] String ITProduct
manufacturedBy [0..1] Manufacturer ITProduct
massInKilograms [0..1] RealNumber ITProduct
name [0..1] String ITProduct
operatingRange [0..1] Field ITProduct
operatingTemperatureInCelsius [0..1] RealNumber ITProduct
operatingTemperatureInFahrenheit [0..1] RealNumber ITProduct
partNumber [0..1] String ITProduct
Click to Add Property [0..1] String FlatPanelDisplay
New...
Edit...
Delete
Property Description of: builtInto
(None)
Business Rules
Name
Content
Inherited From
New...
Edit...
Delete
Marc Berger, on localhost
My Workspace
it
Online

FIG. 9B

903

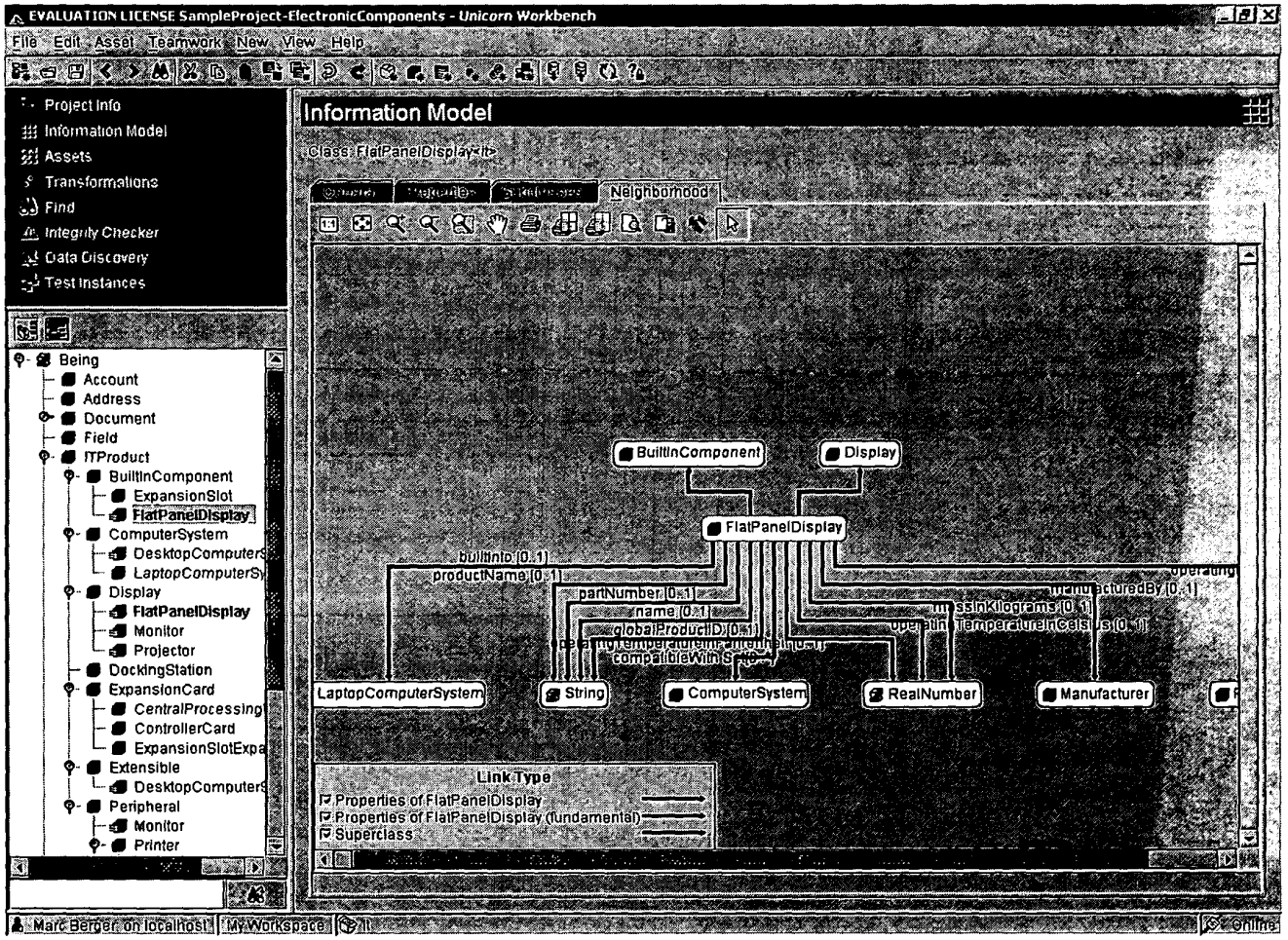

EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Being
Account
Address
Document
Field
ITProduct
BuiltInComponent
ExpansionSlot
FlatPanelDisplay
ComputerSystem
Display
FlatPanelDisplay
Monitor
Projector
DockingStation
ExpansionCard
Extensible
Peripheral
Monitor
Printer
Information Model
Class: FlatPanelDisplay
Neighborhood
BuiltInComponent
Display
FlatPanelDisplay
builtInto: [0..1]
productName: [0..1]
partNumber: [0..1]
name: [0..1]
globalProductID: [0..1]
compatibleWith: [0..*]
LaptopComputerSystem
String
ComputerSystem
RealNumber
Manufacturer
Link Type
Properties of FlatPanelDisplay
Properties of FlatPanelDisplay (fundamental)
Superclass
Marc Berger on localhost
My Workspace
Online

FIG. 9C

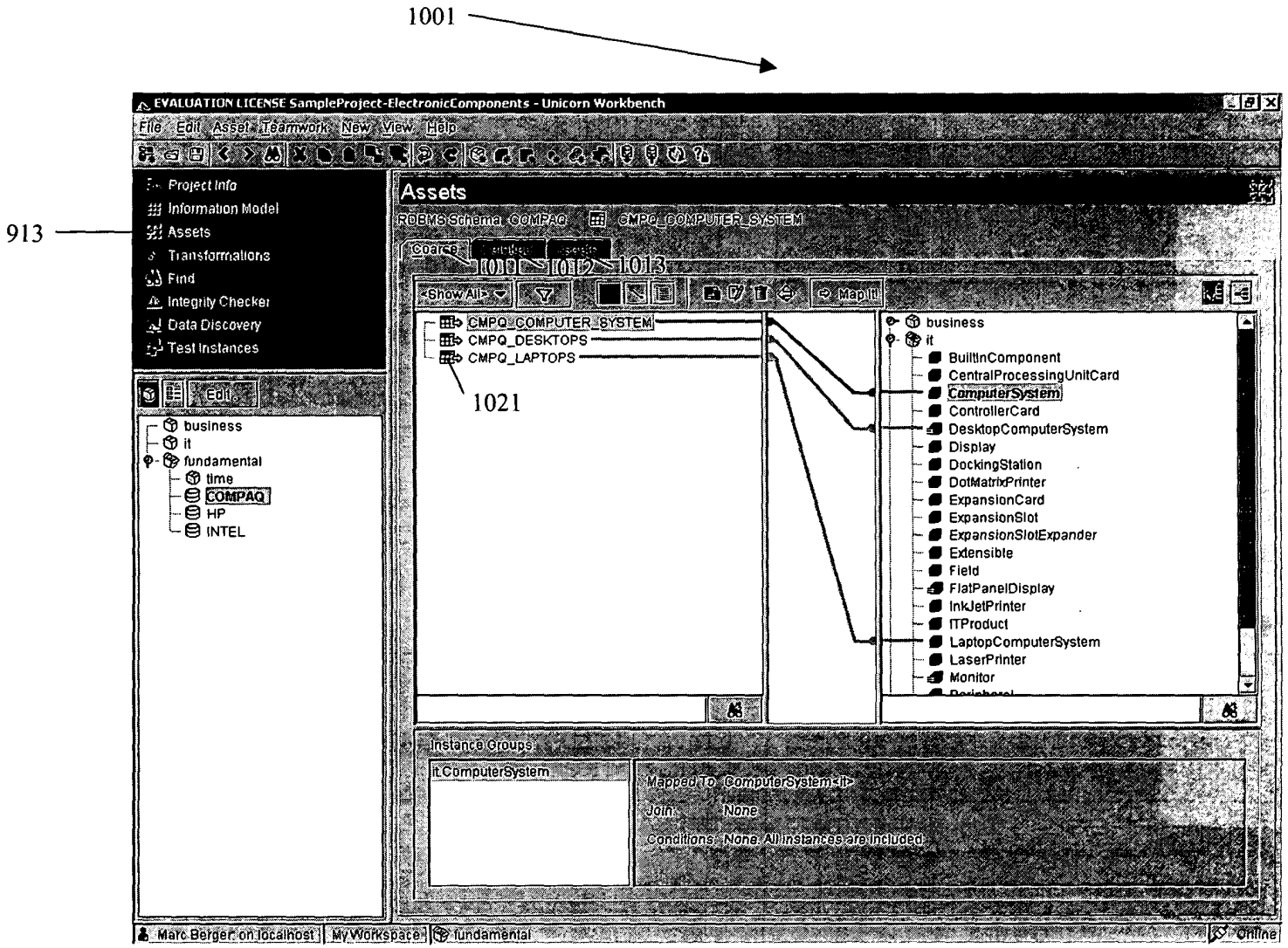

1001
913
EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Edit
business
it
fundamental
time
COMPAQ
HP
INTEL
Assets
RDBMS Schema: COMPAQ
CMPQ_COMPUTER_SYSTEM
Coarse
1011
1012
1013
Show All
Map It
CMPQ_COMPUTER_SYSTEM
CMPQ_DESKTOPS
CMPQ_LAPTOPS
1021
business
it
BuiltInComponent
CentralProcessingUnitCard
ComputerSystem
ControllerCard
DesktopComputerSystem
Display
DockingStation
DotMatrixPrinter
ExpansionCard
ExpansionSlot
ExpansionSlotExpander
Extensible
Field
FlatPanelDisplay
InkJetPrinter
ITProduct
LaptopComputerSystem
LaserPrinter
Monitor
Instance Groups
it.ComputerSystem
Mapped To: ComputerSystem<it>
Join: None
Conditions: None. All instances are included.
Marc Berger on localhost
My Workspace
fundamental
Online

FIG. 10A

1002

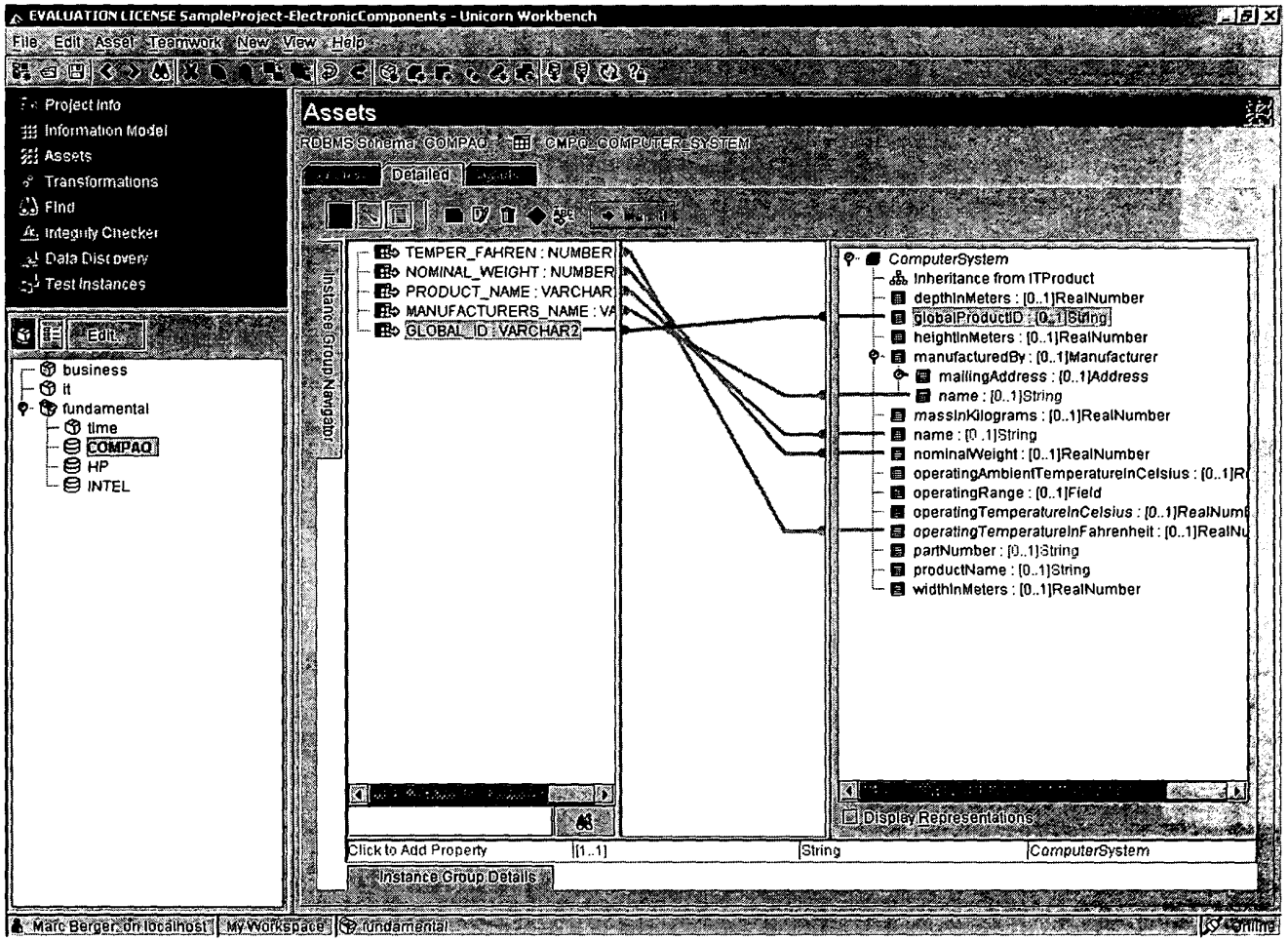

EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Edit...
business
it
fundamental
time
COMPAQ
HP
INTEL
Assets
RDBMS Schema: COMPAQ
CMPQ_COMPUTER_SYSTEM
Detailed
Instance Group Navigator
TEMPER_FAHREN : NUMBER
NOMINAL_WEIGHT : NUMBER
PRODUCT_NAME : VARCHAR
MANUFACTURERS_NAME : VA
GLOBAL_ID : VARCHAR2
ComputerSystem
Inheritance from ITProduct
depthInMeters : [0..1]RealNumber
globalProductID : [0..1]String
heightInMeters : [0..1]RealNumber
manufacturedBy : [0..1]Manufacturer
mailingAddress : [0..1]Address
name : [0..1]String
massInKilograms : [0..1]RealNumber
name : [0..1]String
nominalWeight : [0..1]RealNumber
operatingAmbientTemperatureInCelsius : [0..1]R
operatingRange : [0..1]Field
operatingTemperatureInCelsius : [0..1]RealNum
operatingTemperatureInFahrenheit : [0..1]RealNu
partNumber : [0..1]String
productName : [0..1]String
widthInMeters : [0..1]RealNumber
Display Representations
Click to Add Property
[1..1]
String
ComputerSystem
Instance Group Details
Marc Berger, on localhost
My Workspace
fundamental
Online

FIG. 10B

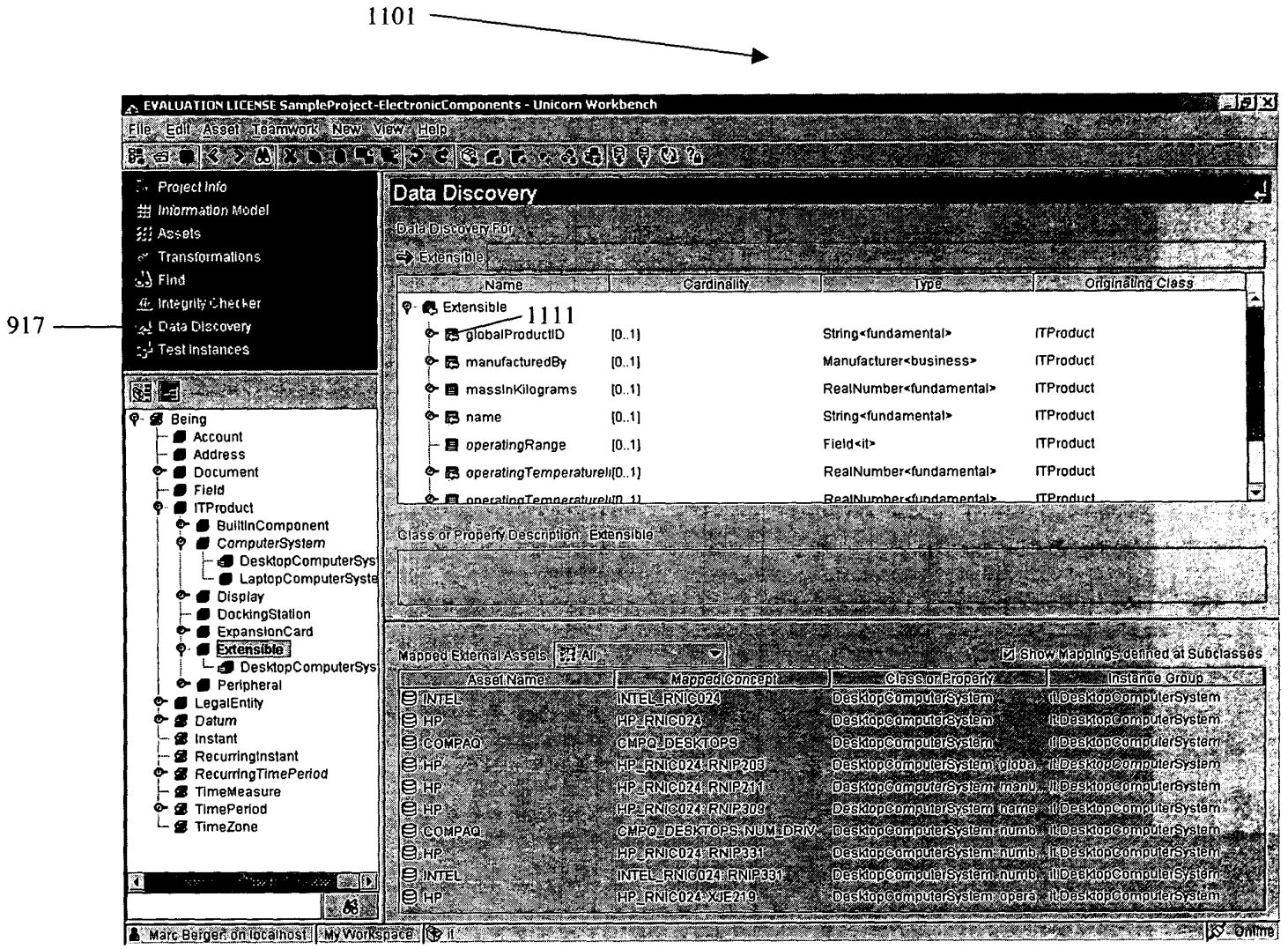

1101
EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
917
Data Discovery
Data Discovery For:
Extensible
Name
Cardinality
Type
Originating Class
Extensible
1111
globalProductID [0..1] String<fundamental> ITProduct
manufacturedBy [0..1] Manufacturer<business> ITProduct
massInKilograms [0..1] RealNumber<fundamental> ITProduct
name [0..1] String<fundamental> ITProduct
operatingRange [0..1] Field<it> ITProduct
operatingTemperatureH [0..1] RealNumber<fundamental> ITProduct
Being
Account
Address
Document
Field
ITProduct
BuiltInComponent
ComputerSystem
DesktopComputerSys
LaptopComputerSyste
Display
DockingStation
ExpansionCard
Extensible
DesktopComputerSys
Peripheral
LegalEntity
Datum
Instant
RecurringInstant
RecurringTimePeriod
TimeMeasure
TimePeriod
TimeZone
Class or Property Description: Extensible
Mapped External Assets: All
Show Mappings defined at Subclasses
Asset Name
Mapped Concept
Class or Property
Instance Group
INTEL INTEL_RNIC024 DesktopComputerSystem it.DesktopComputerSystem
HP HP_RNIC024 DesktopComputerSystem it.DesktopComputerSystem
COMPAQ CMPQ_DESKTOPS DesktopComputerSystem it.DesktopComputerSystem
HP HP_RNIC024_RNIP208 DesktopComputerSystem: globa... it.DesktopComputerSystem
HP HP_RNIC024_RNIP211 DesktopComputerSystem: manu... it.DesktopComputerSystem
HP HP_RNIC024_RNIP309 DesktopComputerSystem: name... it.DesktopComputerSystem
COMPAQ CMPQ_DESKTOPS_NUM_DRIV... DesktopComputerSystem: numb... it.DesktopComputerSystem
HP HP_RNIC024_RNIP331 DesktopComputerSystem: numb... it.DesktopComputerSystem
INTEL INTEL_RNIC024_RNIP331 DesktopComputerSystem: numb... it.DesktopComputerSystem
HP HP_RNIC024_XJE219 DesktopComputerSystem: opera... it.DesktopComputerSystem
Marc Bergen on localhost
My Workspace
it
Online

FIG. 11A

1102

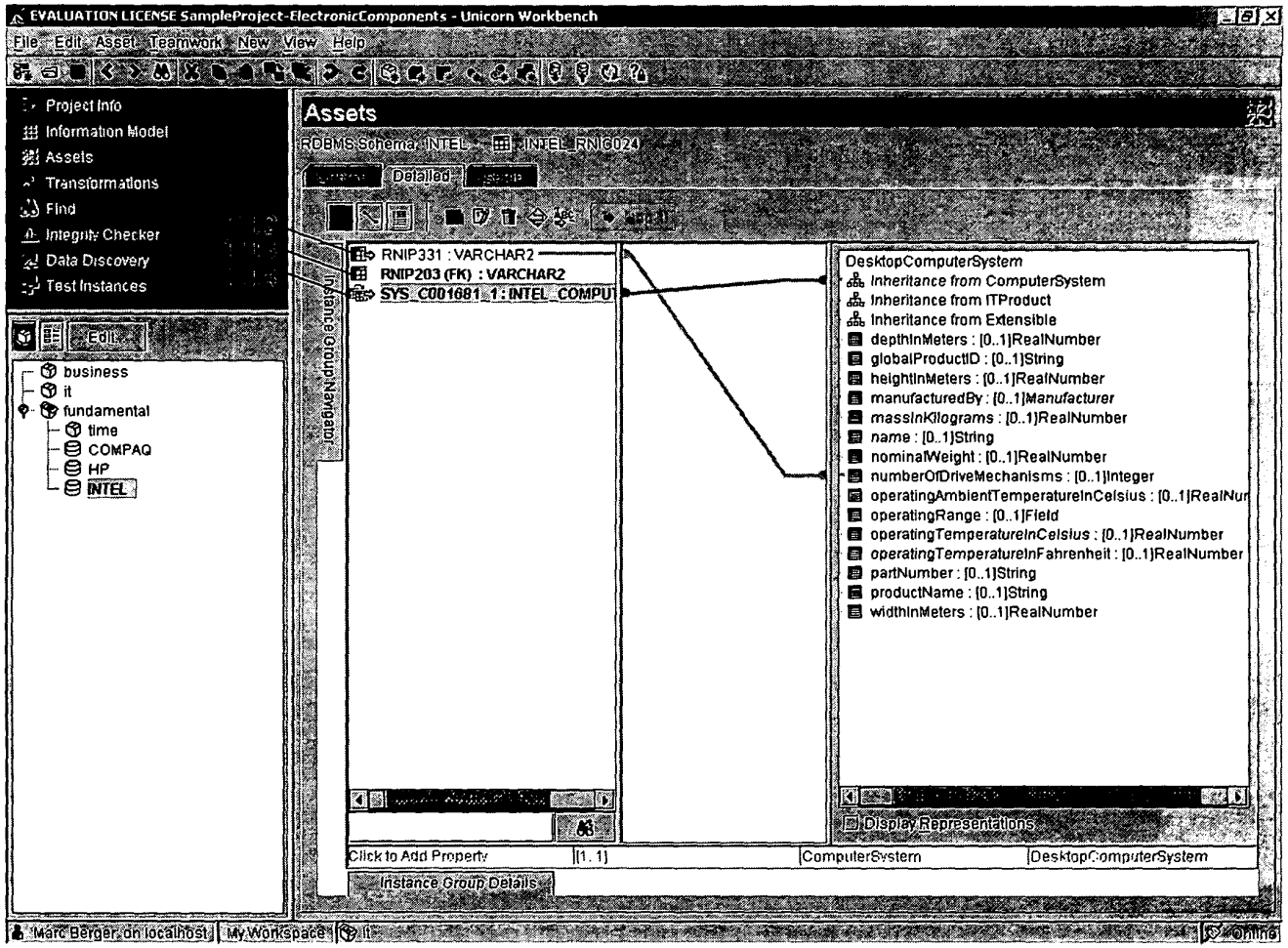

EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset TeamWork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Edit...
business
it
fundamental
time
COMPAQ
HP
INTEL
Assets
RDBMS Schema: INTEL
INTEL_RNI6024
Detailed
RNIP331 : VARCHAR2
RNIP203 (FK) : VARCHAR2
SYS_C001681_1 : INTEL_COMPU
DesktopComputerSystem
Inheritance from ComputerSystem
Inheritance from ITProduct
Inheritance from Extensible
depthInMeters : [0..1]RealNumber
globalProductID : [0..1]String
heightInMeters : [0..1]RealNumber
manufacturedBy : [0..1]Manufacturer
massInKilograms : [0..1]RealNumber
name : [0..1]String
nominalWeight : [0..1]RealNumber
numberOfDriveMechanisms : [0..1]Integer
operatingAmbientTemperatureInCelsius : [0..1]RealNur
operatingRange : [0..1]Field
operatingTemperatureInCelsius : [0..1]RealNumber
operatingTemperatureInFahrenheit : [0..1]RealNumber
partNumber : [0..1]String
productName : [0..1]String
widthInMeters : [0..1]RealNumber
Display Representations
Click to Add Property
[1..1]
ComputerSystem
DesktopComputerSystem
Instance Group Details
Instance Group Navigator
Marc Berger, on localhost
My Workspace
it
Online

FIG. 11B

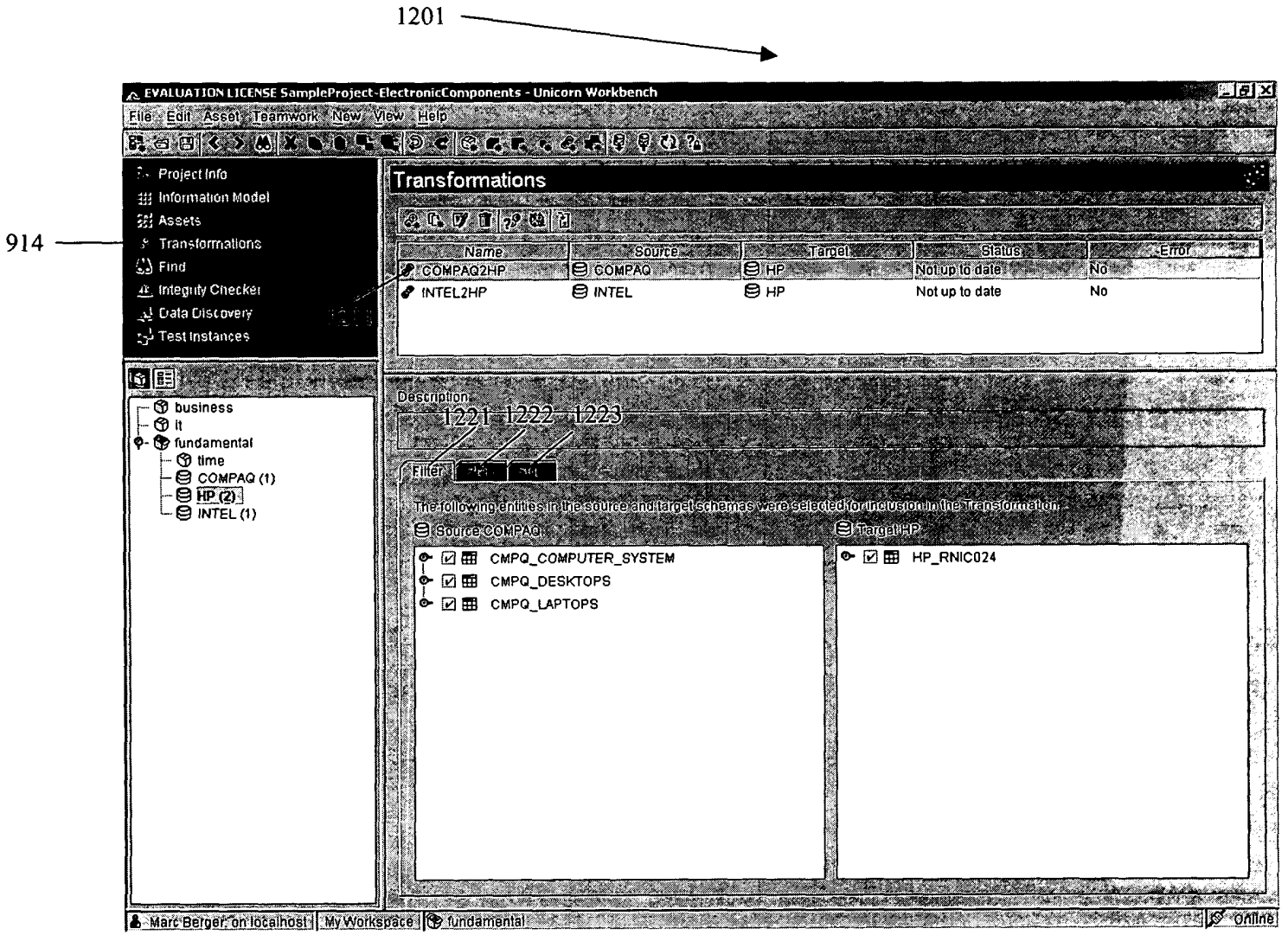

1201
914
EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Transformations
Name Source Target Status Error
COMPAQ2HP COMPAQ HP Not up to date No
INTEL2HP INTEL HP Not up to date No
business
it
fundamental
time
COMPAQ (1)
HP (2)
INTEL (1)
Description
1221 1222 1223
Filter
The following entities in the source and target schemas were selected for inclusion in the transformation:
Source:COMPAQ
Target:HP
CMPQ_COMPUTER_SYSTEM
CMPQ_DESKTOPS
CMPQ_LAPTOPS
HP_RNIC024
Marc Berger on localhost
My Workspace
fundamental
Online

FIG. 12A

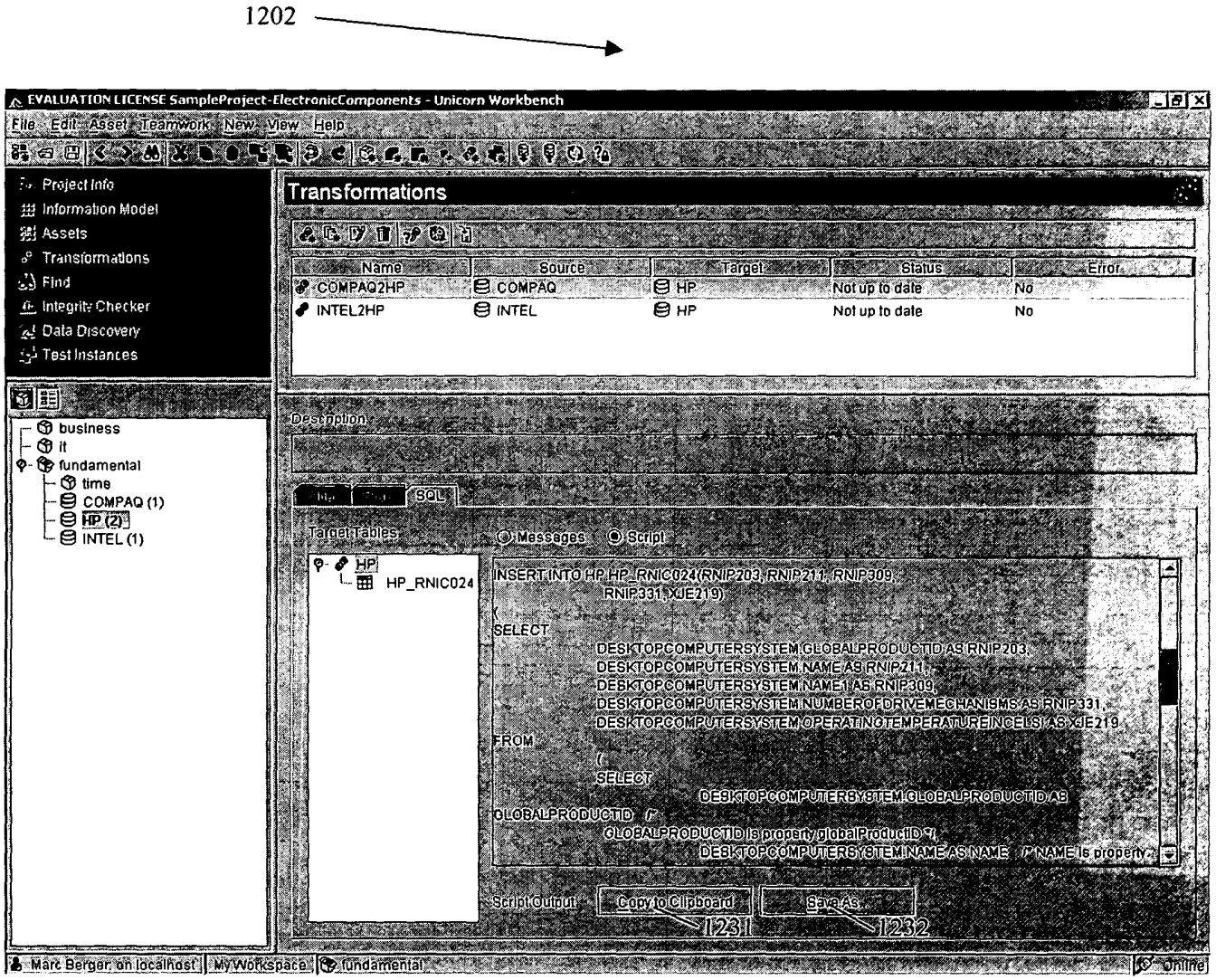

1202
EVALUATION LICENSE SampleProject-ElectronicComponents - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Transformations
Name
Source
Target
Status
Error
COMPAQ2HP
COMPAQ
HP
Not up to date
No
INTEL2HP
INTEL
HP
Not up to date
No
business
it
fundamental
time
COMPAQ (1)
HP (2)
INTEL (1)
Description
SQL
Target Tables
Messages
Script
HP
HP_RNIC024
INSERT INTO HP.HP_RNIC024(RNIP203, RNIP211, RNIP309,
RNIP331, XJE219)
(
SELECT
DESKTOPCOMPUTERSYSTEM.GLOBALPRODUCTID AS RNIP203,
DESKTOPCOMPUTERSYSTEM.NAME AS RNIP211,
DESKTOPCOMPUTERSYSTEM.NAME1 AS RNIP309,
DESKTOPCOMPUTERSYSTEM.NUMBEROFDRIVEMECHANISMS AS RNIP331,
DESKTOPCOMPUTERSYSTEM.OPERATINGTEMPERATUREINCELSI AS XJE219
FROM
(
SELECT
DESKTOPCOMPUTERSYSTEM.GLOBALPRODUCTID AS
GLOBALPRODUCTID /*
GLOBALPRODUCTID is property globalProductID */,
DESKTOPCOMPUTERSYSTEM.NAME AS NAME /* NAME is property
Script Output
Copy to Clipboard
Save As...
1231
1232
Marc Berger on localhost
My Workspace
fundamental
Online

FIG. 12B

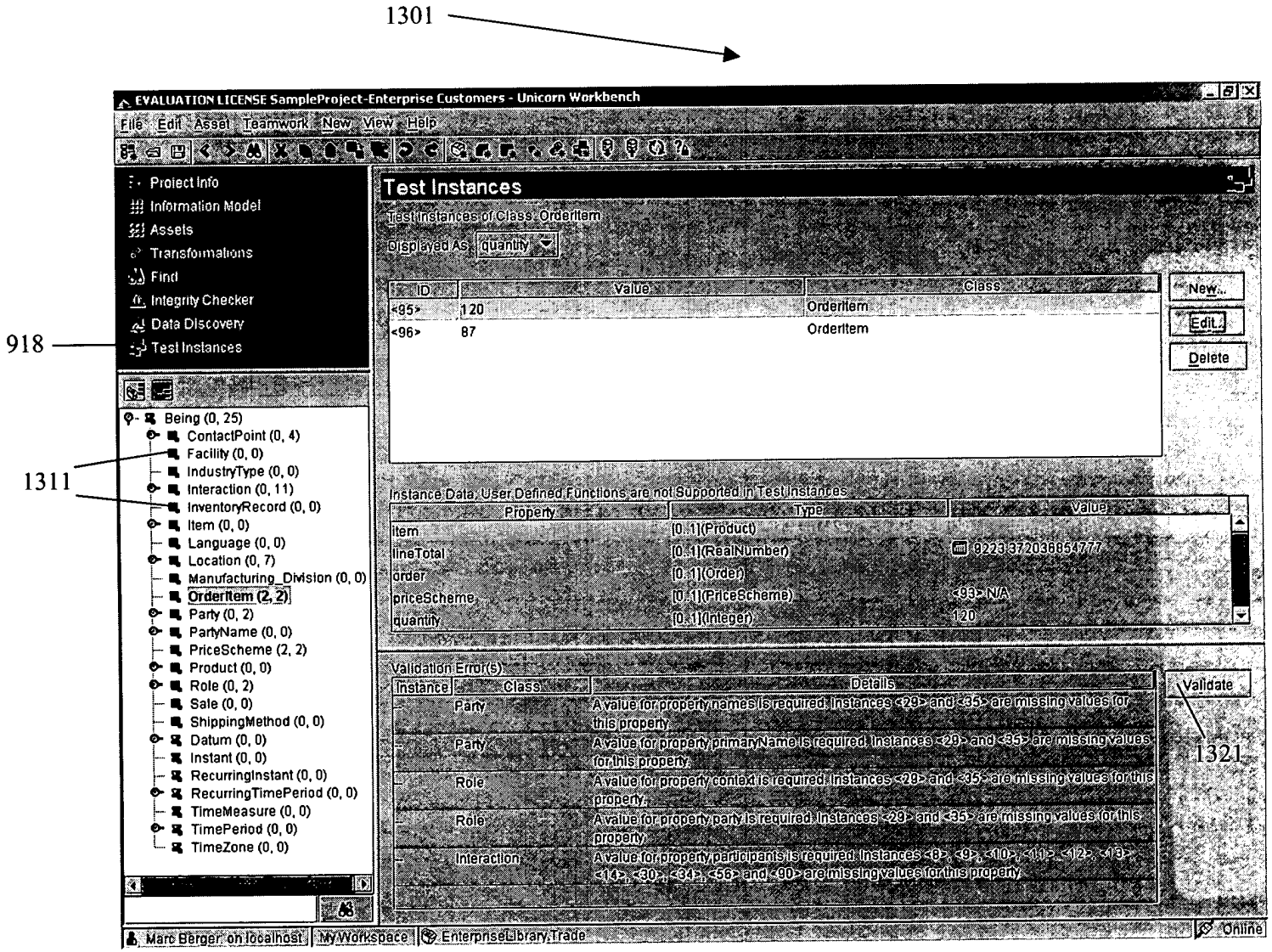

1301
EVALUATION LICENSE SampleProject-Enterprise Customers - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
918
Test Instances
Test Instances of Class: OrderItem
Displayed As: quantity
ID
Value
Class
<95>
120
OrderItem
<96>
87
OrderItem
New...
Edit...
Delete
Being (0, 25)
ContactPoint (0, 4)
Facility (0, 0)
IndustryType (0, 0)
Interaction (0, 11)
InventoryRecord (0, 0)
Item (0, 0)
Language (0, 0)
Location (0, 7)
Manufacturing_Division (0, 0)
OrderItem (2, 2)
Party (0, 2)
PartyName (0, 0)
PriceScheme (2, 2)
Product (0, 0)
Role (0, 2)
Sale (0, 0)
ShippingMethod (0, 0)
Datum (0, 0)
Instant (0, 0)
RecurringInstant (0, 0)
RecurringTimePeriod (0, 0)
TimeMeasure (0, 0)
TimePeriod (0, 0)
TimeZone (0, 0)
1311
Instance Data: User Defined Functions are not Supported in Test Instances
Property
Type
Value
item
[0..1](Product)
lineTotal
[0..1](RealNumber)
9223372036854775...
order
[0..1](Order)
priceScheme
[0..1](PriceScheme)
<93> N/A
quantity
[0..1](Integer)
120
Validation Error(s)
Instance
Class
Details
Party
A value for property name is required. Instances <29> and <35> are missing values for this property.
Party
A value for property primaryName is required. Instances <29> and <35> are missing values for this property.
Role
A value for property context is required. Instances <29> and <35> are missing values for this property.
Role
A value for property party is required. Instances <29> and <35> are missing values for this property.
Interaction
A value for property participants is required. Instances <8>, <9>, <10>, <11>, <12>, <13>, <14>, <30>, <34>, <56> and <90> are missing values for this property.
Validate
1321
Marc Berger on localhost
My Workspace
EnterpriseLibrary.Trade
Online

FIG. 13

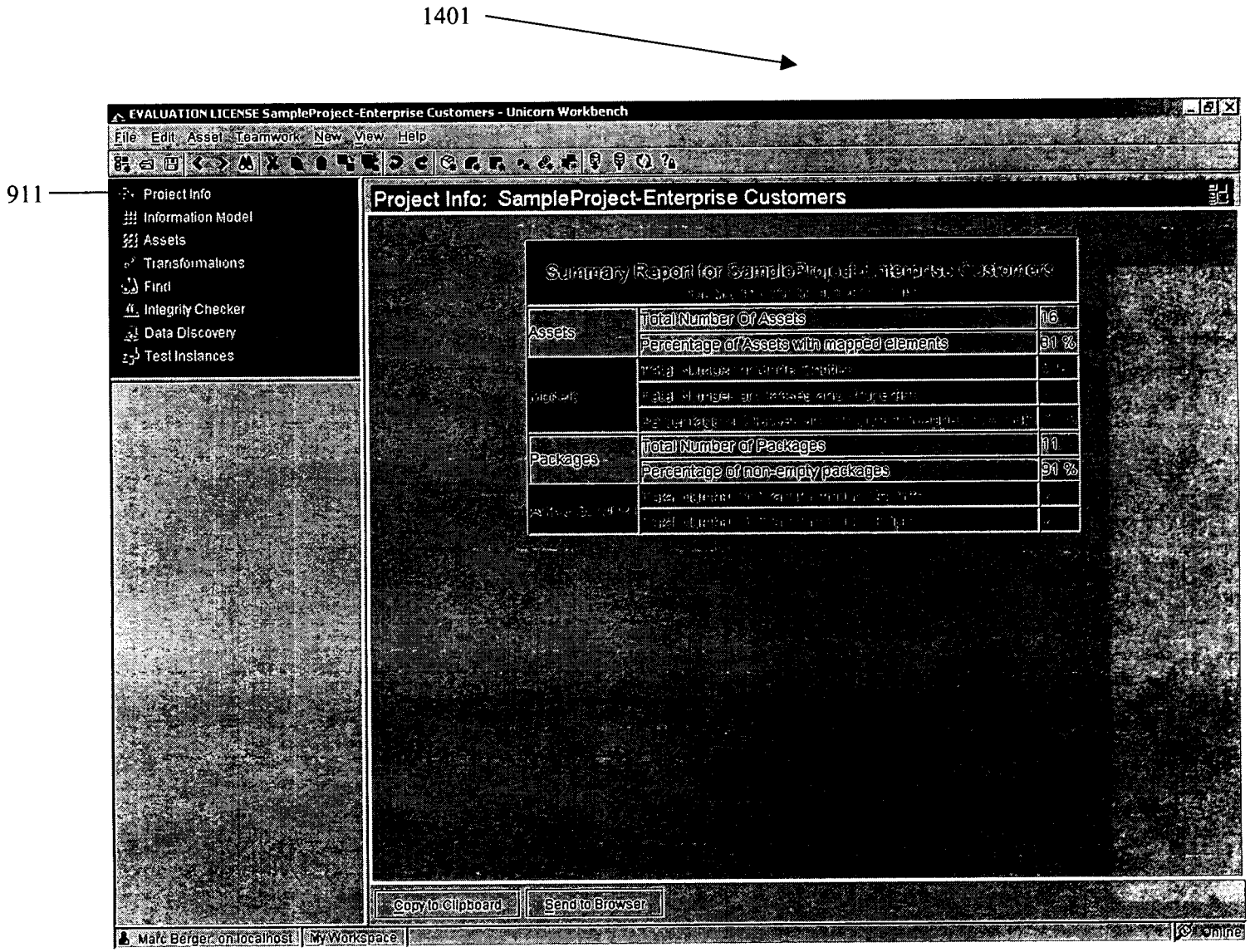

1401
911
EVALUATION LICENSE SampleProject-Enterprise Customers - Unicorn Workbench
File Edit Asset Teamwork New View Help
Project Info
Information Model
Assets
Transformations
Find
Integrity Checker
Data Discovery
Test Instances
Project Info: SampleProject-Enterprise Customers
Summary Report for SampleProject-Enterprise Customers
Assets
Total Number Of Assets
16
Percentage of Assets with mapped elements
81 %
Packages
Total Number of Packages
11
Percentage of non-empty packages
91 %
Copy to Clipboard
Send to Browser
Marc Berger on localhost
My Workspace
Online

FIG. 14

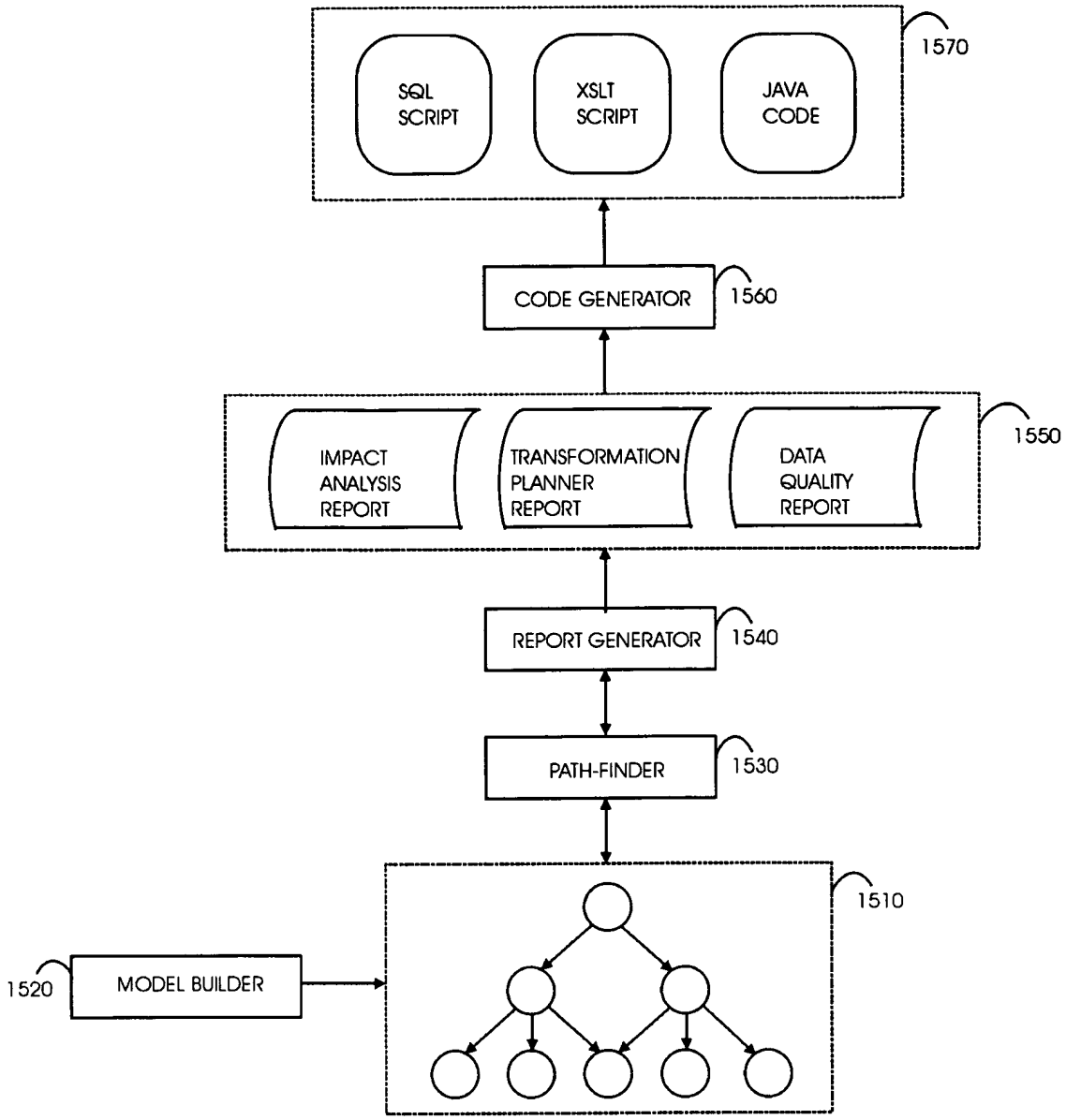

SQL SCRIPT
XSLT SCRIPT
JAVA CODE
1570
CODE GENERATOR
1560
IMPACT ANALYSIS REPORT
TRANSFORMATION PLANNER REPORT
DATA QUALITY REPORT
1550
REPORT GENERATOR
1540
PATH-FINDER
1530
1510
1520
MODEL BUILDER

FIG. 15